

20040128.qrp v03\_n179.qrl.20040128

Date: Wed, 28 Jan 2004 19:03:07 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 3179

QRP-L Digest 3179

Topics covered in this issue include:

- 1) [166398] Re: OT:Anti-Virus Software  
by "George, W5YR" <w5yr@att.net>
- 2) [166399] Fwd: [425ENG] 4U1UN QRV on 30 January  
by Ed Tanton <n4xy@earthlink.net>
- 3) [166400] TRUFFLE TONIGHT + Mn Twins BobbleHeads  
by "Doc - W5TB" <w5tb@arrl.net>
- 4) [166401] FW: FOX: K0PC+K0UU, Mn Twins BobbleHeads  
by "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>
- 5) [166402] Virus  
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
- 6) [166403] Re: AT Sprint owners - opinion on headphones or ear buds??  
by "Alan Fryer" <N3BJ@hotmail.com>
- 7) [166404] Re: Virus  
by "George, W5YR" <w5yr@att.net>
- 8) [166405] Re: DC vs Superhet for beginners?  
by Bruce Muscolino <w6toy@erols.com>
- 9) [166406] Re: DC vs Superhet for beginners?  
by Bruce Muscolino <w6toy@erols.com>
- 10) [166407] RE: AT Sprint owners - opinion on headphones or ear buds??  
by "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>
- 11) [166408] FOX spots  
by "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>
- 12) [166409] MPLAB 6.4  
by <n2go@arrl.net>
- 13) [166410] Re: OT:Anti-Virus Software  
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 14) [166411] RE: DC vs. Superhet for beginners?  
by Adam Farson <farson@shaw.ca>
- 15) [166412] Re: FOX spots  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 16) [166413] FOX: Three fer!  
by Karl Larsen <k5di@zianet.com>
- 17) [166414] Re: FOX spots  
by Bruce Rattray <rattray@accesscomm.ca>
- 18) [166415] Noise on 40 meters  
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
- 19) [166416] Re:Elmer 160: MPLAB 6.4

- by "John J. McDonough" <wb8rcr@arrl.net>
- 20) [166417] Re: FOX spots  
by "Bob Schreibmaier" <k3ph@ptd.net>
- 21) [166418] Re: Noise on 40 meters  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 22) [166419] Re: FOX spots  
by "Tom Palmer" <n1tp@swfla.rr.com>
- 23) [166420] Re: Noise on 40 meters  
by "Don Wines" <dwines@tyler.net>
- 24) [166421] Foxy  
by "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
- 25) [166422] FOX Nada  
by "Donald Jacob" <djacob1@socal.rr.com>
- 26) [166423] Re: OT:Anti-Virus Software  
by "George, W5YR" <w5yr@att.net>
- 27) [166424] Re: FOX Nada  
by "k6xr" <k6xr@bak.rr.com>
- 28) [166425] Kids was: DC vs. Superhet for beginners?  
by "Paul Valko - W8KC" <w8kc@comcast.net>
- 29) [166426] RE: Could be a worm or virus  
by Steve Lawrence <Steve.Lawrence@ITWFEG.COM>
- 30) [166427] Front end attenuators  
by "Rich Johnson" <rjohnson390@comcast.net>
- 31) [166428] Re: FOX spots  
by "George, W5YR" <w5yr@att.net>
- 32) [166429] Re: Front end attenuators  
by "George, W5YR" <w5yr@att.net>
- 33) [166430] Re: FOX Nada  
by Al Scanandoah <k2zn@rochester.rr.com>
- 34) [166431] modifying earbuds  
by JClinton46@aol.com
- 35) [166432] FOX: K0PC log  
by Pat Cain <k0pc@mchsi.com>
- 36) [166433] Re: AT Sprint owners - opinion on headphones or ear buds??  
by "Bruce Kizerian" <kizerian@xmission.com>
- 37) [166434] RS digital wattmeter  
by Michael Goins <mgoins@usa.net>
- 38) [166435] Re: New AMQRP Receiver  
by "Lew Paceley" <lew@paceley.com>
- 39) [166436] Pigs?  
by "JBCrafts" <jbcraft@adelphia.net>
- 40) [166437] ts-520 and qrp..  
by sergio <sergio@village-buzz.com>
- 41) [166438] longwire and 80m..  
by sergio <sergio@village-buzz.com>
- 42) [166439] tuner question..  
by sergio <sergio@village-buzz.com>
- 43) [166440] Fox

by "Brent Sutphin WB4X" <bsutphin@triad.rr.com>  
44) [166441] Help w/Norcal Nor'Easter  
by Pete Meier <pmeier@mac.com>  
45) [166442] Hardware Fire Wall Best Virus Protection  
by "ERNEST GREGOIRE" <e.gregoire2@verizon.net>  
46) [166443] FS: Small Wonder Labs SW-30 QRP CW Xcvr  
by Ron Majewski <bigsky2000@sbcglobal.net>  
47) [166444] Re: tuner question..  
by Karl Larsen <k5di@zianet.com>  
48) [166445] Re: Hardware Fire Wall Best Virus Protection  
by "n3drk" <n3drk@triad.rr.com>  
49) [166446] Re: Hardware Fire Wall Best Virus Protection  
by "Mike Yetsko" <myetsko@insydesw.com>  
50) [166447] North American Sprint and Solar Condx  
by "ERNEST GREGOIRE" <e.gregoire2@verizon.net>  
51) [166448] Re: longwire and 80m..  
by "Lew Paceley" <lew@paceley.com>  
52) [166449] Re: longwire and 80m..  
by Bruce Muscolino <w6toy@erols.com>  
53) [166450] Re: longwire and 80m..  
by "Pastor-kc1di" <elbc2@gwi.net>  
54) [166451] Re: ts-520 and qrp..  
by Bruce Muscolino <w6toy@erols.com>  
55) [166452] Re: ts-520 and qrp..  
by "Pastor-kc1di" <elbc2@gwi.net>  
56) [166453] RE: DC vs. Superhet for beginners?  
by kizerian@xmission.com  
57) [166454] Re: ts-520 and qrp..  
by "PHILIP DECAIRE" <pedecaire@email.msn.com>  
58) [166455] Re: ts-520 and qrp..  
by ham@w3eax.umd.edu  
59) [166456] Re: Front end attenuators  
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
60) [166457] Re: longwire and 80m..  
by "PHILIP DECAIRE" <pedecaire@email.msn.com>  
61) [166458] FS/FT MFJ-9040 40 meter QRP rig  
by "Jim Sheldon" <w0eb@cox.net>  
62) [166459] Re: Hardware Fire Wall Best Virus Protection  
by "John J. McDonough" <wb8rcr@arrl.net>  
63) [166460] Re: Hardware Fire Wall Best Virus Protection  
by Dale Botkin <dale@botkin.org>  
64) [166461] Re: Hardware Fire Wall Best Virus Protection  
by <w9ya@arrl.net>  
65) [166462] Re: longwire and 80m..  
by "Leon Heller" <leon\_heller@hotmail.com>  
66) [166463] Re: ts-520 and qrp..  
by IamSF5@aol.com  
67) [166464] NorCal Paddle Revisited

by Bob Patten <n4bp@bellsouth.net>  
68) [166465] FS: 2 meter handheld  
by "John" <johndorson@worldshare.net>  
69) [166466] RE: DC vs. Superhet for beginners?  
by Dale Botkin <dale@botkin.org>  
70) [166467] Re: THE K2 AND AIRPLANE BUFFS  
by Jake Brodsky <frussle@erols.com>  
71) [166468] Re: AT Sprint owners - opinion on headphones or ear buds??  
by "Trevor Jacobs" <kg6cyn@softhome.net>  
72) [166469] Re: Hardware Fire Wall Best Virus Protection  
by "M.M." <markem@cox.net>  
73) [166470] Re: NorCal Paddle Revisited  
by "Doug Hendricks" <ki6ds@dpol.net>  
74) [166471] Fox: K0UU checklog request  
by Jeff Strandberg <wv3b@us.net>  
75) [166472] Re: ts-520 and qrp...Using ALC to get QRP and other mods  
by Jim Larsen <JimLarsen2002@alaska.net>  
76) [166473] RE: ts-520 and qrp..  
by "Randall" <firefox67501@Cox.net>  
77) [166474] Need help with schematic for RS power supply for ham in Iraq  
by "John Dooley W6ZIP" <portscom@hotmail.com>  
78) [166475] Re: Hardware Fire Wall Best Virus Protection  
by "George, W5YR" <w5yr@att.net>  
79) [166476] MFJ-9040  
by "Jim Sheldon" <w0eb@cox.net>  
80) [166477] Re: DC vs. Superhet for beginners?  
by "George, W5YR" <w5yr@att.net>  
81) [166478] Re: longwire and 80m..  
by "George, W5YR" <w5yr@att.net>  
82) [166479] Re: longwire and 80m..  
by Bruce Muscolino <w6toy@erols.com>  
83) [166480] Re: DC vs. Superhet for beginners?  
by Dale Botkin <dale@botkin.org>  
84) [166481] Re: Front end attenuators  
by "Mike Boatright" <ko4wx@mindspring.com>  
85) [166482] Re: ts-520 and qrp..  
by Christopher Kovacs <ckovacs@mn.rr.com>  
86) [166483] Re: DC vs. Superhet for beginners? (Long)  
by W2EB <w2eb@twcny.rr.com>  
87) [166484] RE: DC vs. Superhet for beginners?  
by Adam Farson <farson@shaw.ca>  
88) [166485] FW: DC vs. Superhet for beginners?  
by Adam Farson <farson@shaw.ca>  
89) [166486] Re:Need help with schematic for RS power supply for ham in Iraq-Info  
is found!!!  
by "John Dooley W6ZIP" <portscom@hotmail.com>  
90) [166487] Re: Front end attenuators  
by "George, W5YR" <w5yr@att.net>

- 91) [166488] Need Data on MV3140  
by Bob KB2FEL <kb2fel@yahoo.com>
- 92) [166489] OT: Incompetance, well, actually humor  
by "Mike Yetsko" <myetsko@insydesw.com>
- 93) [166490] re: Howard Weinstein, K3HW  
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 94) [166491] Re: Front end attenuators - use your tuner  
by "Noyce, Bill" <william.noyce@hp.com>
- 95) [166492] Re: Help w/Norcal Nor'Easter- got it, thanks w/comment!  
by Pete Meier <pmeier@mac.com>
- 96) [166493] DC vs Superhet for beginner Summary  
by <n2go@arrl.net>
- 97) [166494] DC vs. Superhet for beginners?  
by Karl Larsen <k5di@zianet.com>
- 98) [166495] Spinner Knob  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 99) [166496] Re: Beginners receiver  
by <ah7i@atl.org>
- 100) [166497] Re: Spinner Knob  
by "Sam Binkley" <sbinkley1@cox.net>

-----  
Date: Tue, 27 Jan 2004 17:52:07 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <sjolin@swbell.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [166398] Re: OT:Anti-Virus Software  
Message-ID: <026a01c3e530\$938b80d0\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Seems to me that not running NAV all the time is similar to not wearing a helmet while riding a motorcycle with the intention of putting it on just before you have a crash.

73, George W5YR  
w5yr@att.net

----- Original Message -----  
From: "sjolin" <sjolin@swbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, January 27, 2004 3:23 PM  
Subject: Re: OT:Anti-Virus Software

> Yes, Norton can, but part of its benefit is to catch incoming email, etc  
> with virus attached.  
>  
> 73 de Dave, N0IT

-----  
Date: Tue, 27 Jan 2004 19:01:37 -0500  
From: Ed Tanton <n4xy@earthlink.net>  
To: noga <nogaqrp@mailman.qth.net>, QRP-L <qrp-l@lehigh.edu>  
Subject: [166399] Fwd: [425ENG] 4U1UN QRV on 30 January  
Message-ID: <6.0.1.1.2.20040127190052.01da6ec0@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Subject: [425ENG] 4U1UN QRV on 30 January  
>Date: Wed, 28 Jan 2004 00:40:26 +0100 (CET)  
>From: 425list@425dxn.org

>  
>  
>

>-----  
> HAVE YOU MISSED A PIECE OF DX INFORMATION?  
> Do not forget that the opening page at [www.425dxn.org](http://www.425dxn.org) features an  
> engine that allows you to search anything you want within the site  
>-----

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>

>>> 4U1UN <<<

>  
>Bernie McClenny, W3UR (Editor of The Daily DX, <http://www.dailydx.com>) and  
>his daughter Christa, KB3JIU will be joining Steve, KU9C and Henry, KT1J for  
>a one day operation from the 4U1UN station at the United Nations in New York  
>City. Activity is expected to start around 14 UTC on 30 January and plans are  
>to operate on 10-80 metres CW, SSB, RTTY and PSK. During the first two hours  
>they will look especially for Asia (probably on 20 meter CW). QSL to 4U1UN,  
>Grand Central Station, P.O. Box 3873, New York, NY 10163, USA. [TNX W3UR and  
>KA2RTD]

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>  
>Mauro Pregliasco, I1JQJ/KB2TJM  
>425 DX News Editor  
>E-mail: i1jqj@425dxn.org  
>http://www.425dxn.org  
>  
>  
>-----  
>                  DX SPOTS ON YOUR CELLULAR PHONE AT: [www.smscluster.org](http://www.smscluster.org)  
>  
>Mauro Pregliasco (i1jqj@425dxn.org) \* Maury Bertolino (i121171@425dxn.org)  
>-----  
>  
>  
>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

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"He that gives up a little liberty to gain  
temporary security will lose both and  
deserve neither".  
--Benjamin Franklin

"Suppose you were an idiot ...  
and suppose you were a member of  
Congress... but I repeat myself."  
--Mark Twain  
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-----  
Date: Tue, 27 Jan 2004 18:16:49 -0000  
From: "Doc - W5TB" <w5tb@arrl.net>  
To: <k0uu@arrl.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [166400] TRUFFLE TONIGHT + Mn Twins BobbleHeads  
Message-ID: <000a01c3e501\$bd82cda0\$0400a8c0@attbi.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have the privilege of being your truffle tonight -- listen for me a little above 040 listening up 1 or so

-- will listen on my freq the last few minutes and perhaps we can create a hole for one of tonight's FOXXI to slip right onto the same frequency.

The trouble begins at 0130

72, 73, oo T.E. 'Doc' Drake, W5TB  
Arlington, Texas FP#128  
FISTS # 5365 QRP/ARCI # 3532 ARRL Life Member K1 #181 K2#1617  
<http://www.qsl.net/w5tb>

----- Original Message -----

From: "Jeff Strandberg" <wv3b@us.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, January 26, 2004 11:19 PM  
Subject: FOX: K0PC+K0UU, Mn Twins BobbleHeads

> Hounds,  
>  
> K0UU joins K0PC Pat for tomorrow's special edition Fox Hunt, the Minnesota  
> Twins doubleheader.  
>  
> One huge array will aim east/south for the first hour and the other  
north/west,  
> before we switch for the final hour -- one of us above 7040 kHz, the other  
> below 7040 kHz. Listening up, simplex if the pile-up abates.  
>  
> >From 0200z to 0400z, if K0UU hears you, you'll hear your call, RST JEFF  
MN 5w  
>  
> Tnx to Rick W0IS for graciously subbing for me last week when duty called.



>  
> GL de Jeff K0UU (nee WV3B)  
>  
>  
>  
>  
>  
> -----  
> This mail sent through IMP: <http://horde.org/imp/>

-----  
Date: Tue, 27 Jan 2004 17:8:37 -0600  
From: "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [166401] FW: FOX: K0PC+K0UU, Mn Twins BobbleHeads  
Message-ID: <412004122723837575@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Dear MN FOX Twins:

Best wishes for great propagation tonite. Guess it will either be a two-fer or a none-fer for most all the hunters. Fingers crossed that you will hear K-0-E-V-Z in the din (= "den")! I plan to fire up the KX1 for the evening. Have fun.

73,  
--Doc/K0EVZ

> [Original Message]  
> From: Jeff Strandberg <wv3b@us.net>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Date: 1/26/2004 5:19:07 PM  
> Subject: FOX: K0PC+K0UU, Mn Twins BobbleHeads  
>  
> Hounds,  
>  
> K0UU joins K0PC Pat for tomorrow's special edition Fox Hunt, the Minnesota  
> Twins doubleheader.  
>  
> One huge array will aim east/south for the first hour and the other north/west,  
> before we switch for the final hour -- one of us above 7040 kHz, the other

> below 7040 kHz. Listening up, simplex if the pile-up abates.  
>  
> >From 0200z to 0400z, if K0UU hears you, you'll hear your call, RST JEFF  
MN 5w  
>  
> Tnx to Rick W0IS for graciously subbing for me last week when duty  
called.  
>  
> GL de Jeff K0UU (nee WV3B)  
>  
>  
>  
>  
>  
> -----  
> This mail sent through IMP: <http://horde.org/imp/>

--- W.D. (Doc) Lindsey  
--- dock0evz@earthlink.net  
--- EarthLink: The #1 provider of the Real Internet.

-----  
Date: Tue, 27 Jan 2004 19:44:53 -0500  
From: "Fred \(\VE3FAL\)\" <flesnick@tbaytel.net>  
To: <w5yr@att.net>,  
      "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>,  
Subject: [166402] Virus  
Message-ID: <01a401c3e537\$f5359f80\$1f3ad3d8@flesnick>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="us-ascii"  
Content-Transfer-Encoding: 7bit

George:  
I am hoping that you did not pick up the virus but rather it was in  
someone else's email list, and your name was attached to it..  
Since I got home and started checking my email, I have had 20 grabs of  
this virus by my virus scanner.  
Good luck to all with this one.  
They just keep coming as I type this.

Fred  
VE3FAL

-----  
Date: Tue, 27 Jan 2004 19:49:08 -0500  
From: "Alan Fryer" <N3BJ@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166403] Re: AT Sprint owners - opinion on headphones or ear buds??  
Message-ID: <Law9-0E53lieqC6jSwQ0002397e@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All

The local KMart in Roanoke has Koss "the Plug" earphones for \$15 - others (local and web) want \$20 from what I've seen...

Alan, N3BJ

----- Original Message -----  
From: "John\_Evans" <jaevans@mail.codenet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, January 27, 2004 2:02 PM  
Subject: AT Sprint owners - opinion on headphones or ear buds??

> Greetings,  
>  
> Looking to lighten my portable setup, I've found some nice ear buds, the kind with clips that hang onto the ears, but the volume leaves a bit to be desired. I suspect I've been spoiled by my Nova-42 headphones that I use for my base station, but I am hoping to find some nice ear buds for backpacking. Advice/recommendations welcome.  
>  
> 72 - john - n0hj  
>  
>

-----  
Date: Tue, 27 Jan 2004 19:04:11 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>,  
      "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,  
Subject: [166404] Re: Virus

Message-ID: <02b301c3e53a\$e22d2860\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Fred, they are coming from all over with everyone's name on them. I have done a thorough NAV scan on all my computers in my LAN and all are clean. Latest virus definitions installed. Best to just ignore them and not open any attachments you are not completely sure about.

Sorry for the inconvenience but it is hitting us all.'73, George W5YR  
w5yr@att.net

----- Original Message -----

From: "Fred (VE3FAL)" <flesnick@tbaytel.net>  
To: <w5yr@att.net>; "'Low Power Amateur Radio Discussion'"  
<qrp-l@Lehigh.EDU>; <qrp-canada@gpfn.sk.ca>  
Sent: Tuesday, January 27, 2004 6:44 PM  
Subject: Virus

> George:  
> I am hoping that you did not pick up the virus but rather it was in  
> someone else's email list, and your name was attached to it..  
> Since I got home and started checking my email, I have had 20 grabs of  
> this virus by my virus scanner.  
> Good luck to all with this one.  
> They just keep coming as I type this.  
>  
> Fred  
> VE3FAL  
>  
>

-----  
Date: Tue, 27 Jan 2004 20:10:02 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: kizerian@xmission.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [166405] Re: DC vs Superhet for beginners?  
Message-ID: <40170BEA.3D3D7682@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bruce

>

> If forced to make a choice I would choose a design which covers an  
> international broadcast band or two as well as a couple of ham bands. I  
> think this would be more interesting for a beginner

>

I think you are right here, but all of that would make an expensive, and complex kit for a beginner. And the teaching potential also is limited. Remember, you are building, or helping him to build his kit!

>

> >ou will have a much more fulfilling experience ifyou build the new AMQRP  
> kit with a neighborhood kid than if you just build it by yourself.

>

I know this is a popular concept in radio today, but I think there are still kids who want to become hams today who live in places where they can't travel to, or even identify a ham. I know this was the case 48 years ago where I lived.

i wanted it bad enough that I studied and got through the General Class license essentially with no help. It really can be done, even learning the code without a computer, though it is probably much more common to find homes with a computer than finding a ham in the neighborhood, or even in the town.

Bruce

-----

Date: Tue, 27 Jan 2004 20:36:32 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: Lew Paceley <lew@paceley.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [166406] Re: DC vs Superhet for beginners?  
Message-ID: <40171220.A236335D@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Lew,

>

> IMO, the first QRP rig for a beginner should be the HF rig he/she  
> already owns with the power turned down to QRP levels.

> sophisticated QRP equipment.

>

Scandalous. Are you advocating QRO transceivers in a QRP hamshack?

Positively scandalous.

You are, of course, right. I think it takes some experience to really decide that you want to use QRO even if only for an hour or two on Sundays! QRP is best enjoyed by an educated palette!

>

> Unfortunately most new DC transceivers are hobbled with crystal

> control while new superhet transceivers always have a VFO.

>

The real reason for this disaster is the lack of good, small, inexpensive variable capacitors, and the urge for simplicity in the design. Some years ago one could buy good variable capacitors for under \$5.00. And if you wanted a transceiver that would make more than a few QSOs on a single frequency, you would solve the problem.

>

> The second thing I'd look for in a first "dedicated" QRP rig is a

> reasonable amount of RF power which, IMO, means 2W - 5W.

>

This goes without saying, really. It is much easier to turn 5 watts down to 100 mW than it is to go the opposite direction. Besides, 5 watts is relatively easy to do!

>

> I wouldn't be surprised to eventually see Direct Conversion receiver

> technology overtake Superhet receiver technology in popularity

>

It happened for me when Collins Radio Company, the maker of all that is good and right in radio technology, came out with a DC transceiver!

Bruce

-----

Date: Tue, 27 Jan 2004 20:20:40 -0600

From: "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>

To: "John\_Evans" <jaevans@mail.codenet.net>,

"qrp-l reflector" <qrp-l@lehigh.edu>

Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>

Subject: [166407] RE: AT Sprint owners - opinion on headphones or ear buds??

Message-ID: <412004132822040484@earthlink.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

John:

I like the Radio Shack Pro-35 headphones for the AT Sprint. Light weight, plenty of volume, and an in-line volume control make them winners for me. YMMV, of course.

GL and 73,  
--Doc/K0EVZ

> [Original Message]  
> From: John\_Evans <jae Evans@mail.codenet.net>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Date: 1/27/2004 1:02:50 PM  
> Subject: AT Sprint owners - opinion on headphones or ear buds??  
>  
> Greetings,  
>  
> Looking to lighten my portable setup, I've found some nice ear buds, the kind with clips that hang onto the ears, but the volume leaves a bit to be desired. I suspect I've been spoiled by my Nova-42 headphones that I use for my base station, but I am hoping to find some nice ear buds for backpacking. Advice/recommendations welcome.  
>  
> 72 - john - n0hj

--- W.D. (Doc) Lindsey  
--- dock0evz@earthlink.net  
--- EarthLink: The #1 provider of the Real Internet.

-----  
Date: Tue, 27 Jan 2004 20:25:6 -0600  
From: "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [166408] FOX spots  
Message-ID: <41200413282256787@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Both FOXes have been spotted here at K0EVZ tonite. Jeff K0UU is spot on 7.038 and running about 559/QSB. Pat K0PC is on 7.042 and is about 579/QSB. Both FOXes have pretty good pileups of hungry hunters. This

could be a two-fer night as the band sounds very good. Go for it, everyone.

73,

--Doc/K0EVZ

--- W.D. (Doc) Lindsey

--- dock0evz@earthlink.net

--- EarthLink: The #1 provider of the Real Internet.

-----  
Date: Tue, 27 Jan 2004 21:25:52 -0500 (EST)  
From: <n2go@arrl.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [166409] MPLAB 6.4  
Message-ID: <Pine.LNX.4.33.0401272121460.1190-1000000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now that the programmer is ready to come in the mail.....  
I finally started reading the tutorial. It seems that there is a new version of MPLAB that was posted yesterday at the website.  
It took less than 2 minutes to download. Must be a slow day on the internet. Too many people just hitting the Delete key with this virus crap.

If the virus weenies ever figure out how to make it act when I hit my delete button; I will be screwed :)

73,

Jim n2go

-----  
Date: Tue, 27 Jan 2004 21:34:04 -0500 (EST)  
From: "Thom R. Lacosta" <lacosta@bcpl.net>  
To: "George, W5YR" <w5yr@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [166410] Re: OT:Anti-Virus Software  
Message-ID: <Pine.GSO.4.58.0401272130310.5683@mail>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII



On Tue, 27 Jan 2004, George, W5YR wrote:

> Seems to me that not running NAV all the time is similar to not wearing a  
> helmet while riding a motorcycle with the intention of putting it on just  
> before you have a crash.

What makes sense to me, and it requires discipline on my part, is to remember to turn the virus software back on after I've had to turn it off because it interferes with some legit operation.

There are times when I cheat....turn it off when I'm off line, do my stuff that doesn't work with a virus checker, and then reboot, since the virus stuff is in startup.

Thom

<http://www.baltimorehon.com/>  
<http://www.tlchost.net/>

Home of the Baltimore Lexicon  
Web Hosting as low as 3.49/month

-----  
Date: Tue, 27 Jan 2004 18:21:28 -0800  
From: Adam Farson <farson@shaw.ca>  
To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>  
Subject: [166411] RE: DC vs. Superhet for beginners?  
Message-ID: <COEHICILCFODCAILDEBKAEPKDIAA.farson@shaw.ca>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Hi guys,

Are all of us not missing a major change in young people's thought-processes here?

We are looking across a gulf of two, or possibly three, generations at a group of kids who grew up living and breathing technology which did not even exist when we were growing up. We stand before kids who can write applications on their PC's, youngsters who have pointed out to NASA that "virtual" space travel as exemplified by the Mars Rovers may be an acceptable alternative to manned spaceflight. These young folk are totally comfortable with the Martian images they see on the Web and on TV, images which ignite their imagination and vision. And do we honestly think we can interest these wonderful kids in building electronic circuits whose functionality and capability are infinitely beneath what they have already experienced thanks to the technological tools which are at their disposal nowadays?

Best 73,  
Adam, VA7OJ/AB4OJ  
North Vancouver, BC, Canada

-----  
Date: Tue, 27 Jan 2004 20:36:31 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166412] Re: FOX spots  
Message-ID: <C869D9C8-513A-11D8-AD8C-000A957FF9F2@bolshoi.cc.misu.nodak.edu>  
Mime-Version: 1.0 (Apple Message framework v553)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

> Both FOXes have been spotted here at K0EVZ tonite. Jeff K0UU is  
> spot on 7.038 and running about 559/QSB. Pat K0PC is on 7.042  
> and is about 579/QSB. Both FOXes have pretty good pileups of  
> hungry hunters. This could be a two-fer night as the band sounds  
> very good. Go for it, everyone.  
>

The band is altogether \*too\* good here. K0PC was burried in S9++  
SSB and digital QRM, before he faded into oblivion. Never did find/hear  
K0UU. Both just too close for band conditions here tonight. Hear  
plenty of 2s, 4s, and 5s in the pack.

Right now it's -27F air temp, with a wind chill of about -60F.  
Supposed to get down to -35 to -40F air temp by morning. Had the  
boiler go out earlier tonight, but managed to get it re-lit. Have the  
Y2K heater fueled up and ready to go, just in case. Going to be a  
\*cold\*, foxless night in ND tonight. :-(

72/73,

Todd, AG0T

-----  
Date: Tue, 27 Jan 2004 19:50:30 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: qrp-1@lehigh.edu  
Subject: [166413] FOX: Three fer!  
Message-ID: <Pine.LNX.4.44.0401271943510.4727-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The band is stinco as usual but I found Doc W5TB going strong and I slowed down my cw and called him. He came right back and we had a contact.

Then I heard K0PC Pat at 7042.36 but he was covered up with Mexican ssb. I went and watch TV for 15 minutes and came back and the QRM was another cw station. But I copied pat through it and we had a contact.

Then down to 7.038.34 where Jeff was weak but in there. I got things set, called him, and he came right back. We had a fine QS0. And it was a perfect night.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Tue, 27 Jan 2004 20:50:28 -0600  
From: Bruce Rattray <rattray@accesscomm.ca>  
To: dock0evz@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [166414] Re: FOX spots  
Message-ID: <40172374.9010809@accesscomm.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

W.D. (Doc) Lindsey wrote:

>Gang:  
>  
>Both FOXes have been spotted here at K0EVZ tonite. Jeff K0UU is spot on  
>7.038 and running about 559/QSB. Pat K0PC is on 7.042 and is about  
>579/QSB. Both FOXes have pretty good pileups of hungry hunters. This  
>could be a two-fer night as the band sounds very good. Go for it, everyone.  
>  
>73,  
>---Doc/K0EVZ  
>  
>--- W.D. (Doc) Lindsey  
>--- dock0evz@earthlink.net  
>--- EarthLink: The #1 provider of the Real Internet.  
>

>Hi Doc - not hearing anything here so far...no foxii or hunters...heard you  
once on 38.4 for about 5 seconds and then 'poof' you were gone...looks like it's  
going to be "one of those nights" again...72 - Bruce ve5rc

>  
>  
>  
>  
>

-----  
Date: Tue, 27 Jan 2004 21:52:33 -0500  
From: "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [166415] Noise on 40 meters  
Message-ID: <01e201c3e549\$cb0bd730\$1f3ad3d8@flesnick>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Wondering if anyone else is hearing a noise on 40 meters that sounds  
like a motor or fan..I turned everything off in the house thinking it  
was something here...  
But it is pretty wide, and I hear it best on 7.038(of course), and it  
does have a few intermittent breaks at times....

Fred  
VE3FAL

Skunked in FOX land again.....

-----  
Date: Tue, 27 Jan 2004 21:55:39 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <n2go@arrl.net>  
Subject: [166416] Re:Elmer 160: MPLAB 6.4  
Message-ID: <014701c3e54a\$36690a20\$090044c0@BrianBoru>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

By now you should have gotten 6.41, I would think.

Anyway, the differences between 6.30 and 6.40 are really minor, and as far as I can tell, all improvements so it will be no problem that you got 6.40.

Actually, in 2-land I'm surprised you haven't already seen it. PIC-EL's have been spotted in the wild here in 8-land today.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: <n2go@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Tuesday, January 27, 2004 9:25 PM  
Subject: MPLAB 6.4

> Now that the programmer is ready to come in the mail.....  
> I finally started reading the tutorial. It seems that there is a new  
> version of MPLAB that was posted yesterday at the website.  
> It took less than 2 minutes to download. Must be a slow day on the  
> internet. Too many people just hitting the Delete key with this virus  
> crap.  
>  
> If the virus weenies ever figure out how to make it act when I hit my  
> delete button; I will be screwed :)  
>  
> 73,  
>  
> Jim n2go  
>  
>

-----  
Date: Tue, 27 Jan 2004 21:55:29 -0500  
From: "Bob Schreibmaier" <k3ph@ptd.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [166417] Re: FOX spots  
Message-ID: <000a01c3e54a\$309c5c00\$6400a8c0@k3ph>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Wish I could say the conditions were good here. I've heard lots of hounds calling both Foxii, many of them S9+, but I can't even tell the Foxii are there! Something about the path between here and Minnesota has been pretty bad this season.

Heavy sigh. 8^)

72/73,

$$\begin{array}{ccccccc} \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} \\ \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} \\ \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} \\ \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} \end{array} \quad \cdot \cdot$$

```
+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://www.dxis.org  |
+-----+
```

Date: Tue, 27 Jan 2004 21:01:33 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: flesnick@tbaytel.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [166418] Re: Noise on 40 meters  
Message-ID: <474DAC3F-513E-11D8-AD8C-000A957FF9F2@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Mime-Version: 1.0 (Apple Message framework v553)  
Content-Transfer-Encoding: 7bit

Hi Fred!

```
> Wondering if anyone else is hearing a noise on 40 meters that sounds
> like a motor or fan..I turned everything off in the house thinking it
> was something here...
> But it is pretty wide, and I hear it best on 7.038(of course), and it
> does have a few intermittent breaks at times....
>
```

I heard it earlier, and it seems to be slowly moving up the band. Now at ~7056 KHz. Almost sounds like some sort of OTH radar or digital garbage.

72/73,

Todd

-----  
Date: Tue, 27 Jan 2004 22:05:22 -0500  
From: "Tom Palmer" <n1tp@swfla.rr.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166419] Re: FOX spots  
Message-ID: <000301c3e54b\$91b0d920\$48330843@swfla.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Both Jeff and Pat had good signals into SW Florida  
this hunt notwithstanding QSB and QRM. Both are  
doing well. We'er fortunate to have these  
FOXES.

Tom, N1TP  
Naples, Florida

P.S.  
Temperature here in tropical Naples is 63.

-----  
Date: Tue, 27 Jan 2004 21:12:16 -0600  
From: "Don Wines" <dwines@tyler.net>  
To: <flesnick@tbaytel.net>,  
        "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166420] Re: Noise on 40 meters  
Message-ID: <002801c3e54c\$8861eca0\$b0374c42@coxinternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Fred,

I have been having a problem with noise on 40 meters mostly around 7.040 the  
last couple of weeks. It sounded like atmospheric but it was too consistent.  
I started turning things off in the shack but didn't make any difference. I  
got to thinking what had been added in the household recently and remembered  
the Sony Playstation 2 that my grandkids use three rooms away. Went in and

turned it off and the noise disappeared!

So anyone with a Playstation or thinking of buying one beware!

72

Don, K5DW

----- Original Message -----

From: "Fred (VE3FAL)" <flesnick@tbaytel.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, January 27, 2004 8:52 PM

Subject: Noise on 40 meters

> Wondering if anyone else is hearing a noise on 40 meters that sounds  
> like a motor or fan..I turned everything off in the house thinking it  
> was something here...

> But it is pretty wide, and I hear it best on 7.038(of course), and it  
> does have a few intermittent breaks at times....

>

> Fred

> VE3FAL

>

> Skunked in FOX land again.....

>

>

-----  
Date: Tue, 27 Jan 2004 22:08:54 -0500

From: "Brent Sutphin WB4X" <bsutphin@triad.rr.com>

To: <qrp-l@Lehigh.EDU>

Subject: [166421] Foxy

Message-ID: <000901c3e54c\$102521d0\$9e6d1f18@BandE>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm sure glad some of you are having a good Fox Hunt. The band is very dead here in NC tonight. I can't hear either Fox...not even a peep. I can't even hear the pile ups. I still have about an hour...maybe it will get better.

Brent WB4X



-----  
Date: Tue, 27 Jan 2004 19:19:38 -0800  
From: "Donald Jacob" <djacob1@socal.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166422] FOX Nada  
Message-ID: <017401c3e54d\$90c3cf20\$6501a8c0@socal.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Band not good on the west coast this evening. Did not hear W5TB or either  
Fox so far. Only 40 minutes left too! This season has not been good at this  
location...

Don WB5EKU  
DM04sg

-----  
Date: Tue, 27 Jan 2004 21:24:40 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: "Thom R. Lacosta" <lacosta@bcpl.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [166423] Re: OT:Anti-Virus Software  
Message-ID: <030401c3e54e\$44cd7070\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thom, what I try to remember to do when I am doing offline stuff is to  
disable that particular computer from the LAN and leave NAV cooking so that  
it will be up and ready when I enable again.

73, George W5YR  
w5yr@att.net

----- Original Message -----  
From: "Thom R. Lacosta" <lacosta@bcpl.net>  
To: "George, W5YR" <w5yr@att.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, January 27, 2004 8:34 PM  
Subject: Re: OT:Anti-Virus Software

> On Tue, 27 Jan 2004, George, W5YR wrote:  
>  
> > Seems to me that not running NAV all the time is similar to not wearing  
a  
> > helmet while riding a motorcycle with the intention of putting it on  
just  
> > before you have a crash.  
>  
> What makes sense to me, and it requires discipline on my part, is to  
> remember to turn the virus software back on after I've had to turn it off  
> because it interferes with some legit operation.  
>  
> There are times when I cheat....turn it off when I'm off line, do my  
> stuff that doesn't work with a virus checker, and then reboot, since the  
> virus stuff is in startup.

-----  
Date: Tue, 27 Jan 2004 19:34:14 -0800  
From: "k6xr" <k6xr@bak.rr.com>  
To: <djacob1@socal.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166424] Re: FOX Nada  
Message-ID: <000901c3e54f\$9a206fe0\$6800a8c0@pro600>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a strong pactor station right on 7038! in central CA

----- Original Message -----

From: "Donald Jacob" <djacob1@socal.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, January 27, 2004 7:19 PM  
Subject: FOX Nada

> Band not good on the west coast this evening. Did not hear W5TB or either  
> Fox so far. Only 40 minutes left too! This season has not been good at  
this  
> location...  
>  
> Don WB5EKU

> DM04sg  
>

-----  
Date: Tue, 27 Jan 2004 22:34:29 -0500  
From: "Paul Valko - W8KC" <w8kc@comcast.net>  
To: <farson@shaw.ca>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [166425] Kids was: DC vs. Superhet for beginners?  
Message-ID: <003001c3e54f\$a3ceec10\$6901a8c0@hamshack1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: "Adam Farson" <farson@shaw.ca>

> We are looking across a gulf of two, or possibly three, generations at a  
> group of kids who grew up living and breathing technology which did not  
even  
>snip<  
> And do we honestly think we can  
> interest these wonderful kids in building electronic circuits whose  
> functionality and capability are infinitely beneath what they have already  
> experienced thanks to the technological tools which are at their disposal  
> nowadays?

Uhhhhhh... yeah.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics.  
Visit the Virtual Ten\*Tec Museum at <http://mywebpages.comcast.net/w8kc>

-----  
Date: Tue, 27 Jan 2004 22:34:05 -0500  
From: Steve Lawrence <Steve.Lawrence@ITWFEG.COM>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [166426] RE: Could be a worm or virus  
Message-ID: <0F14F512B2.48FDAB48-0N85256E29.0011F6E2-85256E29.001397A9@itwfeg.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Hmmm....

Have you studied the description of the W32/MyDoom worm/virus? From 1/1 - 1/12, It launches a denial of service attack against none other than SCO! Yes, the guys attempting to kill the Open Source movement and all the derivatives (LINUX) via litigation....

Perhaps this virus isn't so bad after all?

Just kiddin'...(?) it does leave a backdoor into an infected PC.

Steve

-----  
Date: Tue, 27 Jan 2004 19:45:52 -0800  
From: "Rich Johnson" <rjohnson390@comcast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [166427] Front end attenuators  
Message-ID: <003001c3e551\$3a5eaa20\$2605ab43@END0EB86CD98A1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Group:

If you had a small step attenuator for the front end of a homebrew rig, what would be the step size that is reasonable and what is the total range?

I'm thinking of more than a pot, but a real 50 ohms each side step attenuator.

cheers,  
rich

-----  
Date: Tue, 27 Jan 2004 21:51:56 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: "Tom Palmer" <n1tp@swfla.rr.com>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [166428] Re: FOX spots  
Message-ID: <037101c3e552\$31dec70\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Same here, Tom . . .

You will be proud of my "get in there early" performance tonight: Pat at 0200 and Jeff at 0203. Got lucky again and found out where they were listening . . .

Aren't both of those guys some operators! Beautiful fists and excellent management of the Packs.

Heard you working Jeff with a nice signal into North Texas. Band was a little funny tonight - worked the Truffle W5TB and he is about 40 miles from me. Never heard him before! Sounded like a backscatter or over-the-pole signal. Curious . . .

73, George W5YR  
w5yr@att.net

----- Original Message -----

From: "Tom Palmer" <n1tp@swfla.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, January 27, 2004 9:05 PM

Subject: Re: FOX spots

> Both Jeff and Pat had good signals into SW Florida  
> this hunt notwithstanding QSB and QRM. Both are  
> doing well. We'er fortunate to have these  
> FOXES.  
>  
> Tom, N1TP  
> Naples, Florida  
>  
> P.S.  
> Temperature here in tropical Naples is 63.  
>

-----  
Date: Tue, 27 Jan 2004 21:53:06 -0600

From: "George, W5YR" <w5yr@att.net>

To: <rjohnson390@comcast.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [166429] Re: Front end attenuators

Message-ID: <037601c3e552\$42ef16b0\$0401a8c0@PS>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The universal "1-2-5" set of steps usually works well . . .

73, George W5YR  
w5yr@att.net

----- Original Message -----

From: "Rich Johnson" <rjohnson390@comcast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, January 27, 2004 9:45 PM  
Subject: Front end attenuators

> Group:  
>  
> If you had a small step attenuator for the front end of a homebrew rig,  
what  
> would be the step size that is reasonable and what is the total range?  
>  
> I'm thinking of more than a pot, but a real 50 ohms each side step  
> attenuator.  
>  
> cheers,  
> rich  
>  
>

-----  
Date: Tue, 27 Jan 2004 22:56:05 -0500  
From: Al Scanandoah <k2zn@rochester.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [166430] Re: FOX Nada  
Message-ID: <401732D5.4060904@rochester.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Not even a peep at sub-ESP levels here in WNY. Not many hounds heard,  
either.

Al, K2ZN

-----  
Date: Tue, 27 Jan 2004 23:11:48 EST  
From: JClinton46@aol.com  
To: qrp-l@lehigh.edu  
Subject: [166431] modifying earbuds  
Message-ID: <11c.2aafb23b.2d489084@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Unlike hams, some audiophiles are willing to modify perfectly good equipment in an effort to change or improve things to their tastes. ;^) Anyway, if you try the Koss earbuds and find they don't provide enough isolation or the fit is lacking, here is a site with some possible mods:  
[http://headwize2.powerpill.org/projects/showproj.php?file=cmoy4\\_prj.htm](http://headwize2.powerpill.org/projects/showproj.php?file=cmoy4_prj.htm)

The foam earpieces that come with the "Plug" are not comfortable for me and like to creep out. I bought a pair of shooters ear plugs at a local superstore that fit well. On my project list is replacing the original foam pieces with these.

73,  
Clint Poss  
KE4FDT

-----  
Date: Tue, 27 Jan 2004 22:17:16 -0600  
From: Pat Cain <k0pc@mchsi.com>  
To: qrp-l@lehigh.edu  
Subject: [166432] FOX: K0PC log  
Message-ID: <5.1.1.6.0.20040127221044.00b9c470@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"; format=flowed  
Content-Transfer-Encoding: quoted-printable

The 40M Fickle Finger of Fate struck again tonight. The K index was at 3=20 for the last 24 hours then jumped to 5 thirty minutes before the hunt=20 started. I appreciate all those that braved the geomagnetic storm and snow=20 storms to work me tonight.

Here is the log, a total of 52 pelts tonight.

73,

Pat K=D8PC

|      |        |     |    |         |    |
|------|--------|-----|----|---------|----|
| 0200 | N5ZE   | 559 | TX | LEW     | 5W |
| 0201 | W5YR   | 559 | TX | GEORGE  | 5W |
| 0201 | N1FN   | 559 | CO | ET      | 5W |
| 0202 | W0RW   | 595 | CO | PAUL    | 3W |
| 0203 | W5USJ  | 559 | TX | CHUCK   | 5W |
| 0203 | AC5JH  | 559 | OK | TOM     | 5W |
| 0204 | K0EVZ  | 579 | NM | DOC     | 4W |
| 0204 | KI0II  | 559 | CO | RON     | 5W |
| 0205 | K5DW   | 559 | TX | DON     | 5W |
| 0205 | W0ANM  | 559 | MN | CHRIS   | 5W |
| 0206 | AG4PJ  | 559 | AL | DAVE    | 5W |
| 0207 | K5JHP  | 559 | TX | BILL    | 5W |
| 0208 | AB9CA  | 559 | AL | DAVE    | 5W |
| 0209 | KK5LD  | 559 | TX | DAN     | 5W |
| 0210 | KL7V   | 559 | OK | SAM     | 5W |
| 0210 | KN5L   | 559 | TX | JOHN    | 5W |
| 0211 | W7ILW  | 559 | AZ | WALT    | 5W |
| 0213 | N1TP   | 559 | FL | TOM     | 5W |
| 0215 | K5UV   | 559 | OK | MIKE    | 5W |
| 0216 | K0LOA  | 559 | TX | DWAIN   | 5W |
| 0217 | N9NE/M | 559 | TX | TODD    | 5W |
| 0225 | K5DI   | 559 | NM | KARL    | 5W |
| 0225 | AC7A   | 559 | AZ | TOM     | 5W |
| 0226 | W5TB   | 559 | TX | DOC     | 5W |
| 0227 | AA50   | 559 | LA | VERN    | 5W |
| 0228 | KT5V   | 559 | TX | DAVID   | 5W |
| 0232 | AA5TA  | 559 | TX | LARRY   | 5W |
| 0233 | K5E0A  | 559 | LA | WAYNE   | 5W |
| 0238 | N0HJ   | 559 | CO | JOHN    | 4W |
| 0242 | W5HNS  | 559 | TX | HENRY   | 5W |
| 0244 | K6VNX  | 559 | CA | ARLEN   | 5W |
| 0248 | WA5BDU | 559 | AR | NICK    | 5W |
| 0249 | K6XR   | 559 | CA | REGGIE  | 5W |
| 0251 | N0DT   | 559 | MO | DAN     | 5W |
| 0252 | K6IA   | 559 | CA | WARD    | 5W |
| 0254 | AA7EQ  | 559 | AZ | BOB     | 5W |
| 0300 | VA6RF  | 339 | AB | EARL    | 5W |
| 0305 | K4BYF  | 559 | FL | JACK    | 5W |
| 0311 | KD5KXF | 559 | TX | MIKE    | 5W |
| 0313 | K0MAX  | 559 | MN | MAX     | 5W |
| 0317 | W4NJK  | 559 | CA | CHARLIE | 5W |
| 0325 | NK6A   | 339 | CA | DON     | 5W |
| 0327 | W9UQB  | 559 | AZ | MIKE    | 5W |
| 0334 | KG6CYN | 559 | CA | TREV    | 3W |
| 0334 | N7CQR  | 559 | OR | DAN     | 5W |



|      |        |     |    |        |    |
|------|--------|-----|----|--------|----|
| 0340 | K7HBN  | 539 | WA | GEORGE | 5W |
| 0341 | WB4X   | 559 | NC | BRENT  | 5W |
| 0344 | KD5UDB | 559 | LA | CHRIS  | 5W |
| 0344 | W2XN   | 559 | FL | FRED   | 5W |
| 0346 | KC1FB  | 559 | CT | JIM    | 5W |
| 0400 | K0UU   | xxx | MN | FOX    | 5W |
| 0400 | K0PC   | xxx | MN | FOX    | 5W |

-----

Date: Tue, 27 Jan 2004 21:33:00 -0700  
 From: "Bruce Kizerian" <kizerian@xmission.com>  
 To: <Dan.Taylor@motorola.com>,  
       "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
 Subject: [166433] Re: AT Sprint owners - opinion on headphones or ear buds??  
 Message-ID: <007701c3e557\$d018af60\$f70746a6@98seoem>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
       charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

Dan

I have found that the sensitivity ratings are sometimes inflated by the manufacturers and do not always correlate well to actual performance.

I believe the Jensens and the TDKs are rated 6-8dB below the Koss but in practice are about the same sensitivity. (yes, I have a pair of the Koss "plugs" and have put them on my recommended list below the ones I mentioned because they are typically more expensive).

There seems to be a sensitivity ratings race going on akin to the old stereo hi-fi watts race of a few years back.

If you want ruggedness at only a slight sensitivity penalty buy the Sennheiser BP-100. They are of much better construction than the Koss and guaranteed for two years.

Bruce kk7zz

[www.elmeradio.com](http://www.elmeradio.com)

-----

Date: Tue, 27 Jan 2004 22:35:49 -0600  
From: Michael Goins <mgoins@usa.net>  
To: <QRP-L@lehigh.edu>  
Subject: [166434] RS digital wattmeter  
Message-ID: <723iabejx4832S02.1075264549@uwdvg002.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

Currently using one of the radio shack digital wattmeters (picked it up to use mobile, originally), and was wondering if anyone has seen anything written up about the accuracy? Like to operate in the one watt and less range and trying to decide if I want to switch back to a WM-2 or stick with this one. Would like to be relatively accurate from 1 watt down to about 50 mW or so. =

Anyone ever compare it to some of the others?

mike  
k5wmg

-----  
Date: Wed, 28 Jan 2004 00:19:03 -0600  
From: "Lew Paceley" <lew@paceley.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: <n4xy@earthlink.net>, "Lew Paceley" <lew@paceley.com>  
Subject: [166435] Re: New AMQRP Receiver  
Message-ID: <010801c3e566\$a0912ec0\$6501a8c0@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Ed,  
I'm afraid the malady you describe is primarily a manifestation of crystal control, not the receiver technology. It's an addressable criticism that has given DC receivers an undeserved bad reputation.

If you have a VFO controlled transmitter and a VFO controlled DC receiver what would you do to answer a CQ? You'd zero beat the CQer (note: true zero beat as in zero Hz note/absence of signal) with your

receiver. You'd flip on the transmitter spot switch and then adjust the transmitter frequency for true zero beat in the receiver. Then you'd turn off the transmitter spot switch and jog the receiver dial a little left or a little right to get a pleasant CW note from the CQer. Then you'd answer the CQ. And you would be calling right on frequency.

This is a simple, deterministic procedure you could teach anyone. And you'd probably find more hams calling on frequency than by trying to adjust the VFO on their superhet transceiver for an exact 700 Hz CW note. I know, I'm one of them.

Crystal control often makes it impossible to get the transmitter on the CQers frequency. And that fact will be true whether you are using a DC receiver or a superhet. The difference is that the DC receiver operator will sometimes hear and call a phantom CQer too far from the transmit frequency. In that same situation the superhet operator won't hear the CQ at all since he/she is listening near the crystal controlled transmit frequency and the opposite sideband suppression will eliminate the CQers signal. The end result in both cases is the same - no QSO.

Yes, it can be frustrating to call a CQer that can't hear you. Agreed. But don't fault the DC receiver, fault the lack of a VFO on the transmitter for the fact that a QSO didn't take place. IMO, it's time for the QRP community to figure out (again?) how to build inexpensive QRP radios with VFOs/PTOs. And isn't that what AMQRP is doing?

Cheers es  
72/73,  
\*Lew\*  
N5ZE

-----  
Date: Wed, 28 Jan 2004 01:36:28 -0500  
From: "JBCrafts" <jbcraft@adelphia.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [166436] Pigs?  
Message-ID: <AGEJJBFPLHMOECFDINOGEJGEMAA.jbcraft@adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

hey Pigs, are you getting pig mail?

I havent seen pig mail in 3 weeks and getting concerned that I have been booted out of the sty. Maybe my bacon is cooked?

00 Bob K8YS

-----  
Date: Wed, 28 Jan 2004 01:55:11 -0500  
From: sergio <sergio@village-buzz.com>  
To: qrp-l@Lehigh.EDU  
Subject: [166437] ts-520 and qrp..  
Message-ID: <6.0.1.1.2.20040128015303.01e364e8@mail.neobright.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

i would like to run this big giant thing as a qrp rig..

to do this, would i just adjust the carrier level, and watch the power meter on the tuner until it goes to 5 watts?

for those of you who have this radio, about how many khz can you tune around on the band before you have to retune the radio?

i am still working on this.. but it seems like if i move around alot, i have to retune the radio to get full power..

----  
peace,  
...sergio  
photographer, journalist, visionary  
  
www.village-buzz.com <- read my blog  
www.coffee-black.com <- my photography

-----  
Date: Wed, 28 Jan 2004 01:59:02 -0500  
From: sergio <sergio@village-buzz.com>  
To: qrp-l@Lehigh.EDU  
Subject: [166438] longwire and 80m..

Message-ID: <6.0.1.1.2.20040128015513.01e5c8d0@mail.neobright.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

i have a longwire that i am tuning for 80m..

i had some trouble tuning it on the hw-8 until i started running all my gear with a battery..

since then, it ran well..

when i got the ts-520, and the autotuner.. i suddenly found that i couldn't tune 80m on that antenna to save my life..

the wire is about 130 feet long..

is this the problem? the length of the wire?

-----  
peace,  
...sergio  
photographer, journalist, visionary

[www.village-buzz.com](http://www.village-buzz.com) <- read my blog  
[www.coffee-black.com](http://www.coffee-black.com) <- my photography

-----  
Date: Wed, 28 Jan 2004 01:53:00 -0500  
From: sergio <sergio@village-buzz.com>  
To: qrp-l@Lehigh.EDU  
Subject: [166439] tuner question..  
Message-ID: <6.0.1.1.2.20040128014820.01e47280@mail.neobright.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

after i got this new ts-520.. i needed a tuner..

i went crazy and picked up that new mfj intellituner.. it's an automatic tuner..

seems to work well, but i do have some questions..

it takes at least 5 watts to turn over the autotuner..

with my k1 attached to it, it is just under the limit enough to keep it from turning over.. if i change it to the 30 watt range, i can totally see meter deflection, and it will give me an swr.. but.. it won't autotune..

i can, however, tune it manually, and zero right into a 1.0 swr..

is this okay? will i have an acceptable swr doing this at such low levels?

once i get my hw-8 (2 watts) together.. can i use that on here, too?

or should i just stick to the zm-2 to run my qrp rigs? it worked fine.. i just wanna keep the switching to a minimum..

----  
peace,  
...sergio  
photographer, journalist, visionary

www.village-buzz.com <- read my blog  
www.coffee-black.com <- my photography

-----  
Date: Wed, 28 Jan 2004 05:58:17 -0500  
From: "Brent Sutphin WB4X" <bsutphin@triad.rr.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166440] Fox  
Message-ID: <000f01c3e58d\$a2979b60\$9e6d1f18@BandE>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The band finally did open a little, I was able to get K0PC and I think K0UU heard me. So one out of two wasn't bad for last night.

Brent WB4X

-----  
Date: Wed, 28 Jan 2004 07:03:17 -0500  
From: Pete Meier <pmeier@mac.com>

To: qrp-1@Lehigh.EDU  
Subject: [166441] Help w/Norcal Nor'Easter  
Message-ID: <6323934.1075291397164.JavaMail.pmeier@mac.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Does anyone have the schematic or errata info they can email me?  
Unfortunately, that info is no longer on the web anywhere.  
(not at NorCal or Steve melt solder's websites)  
I have an unbuilt kit I want to assemble.

Thanks,

Pete WK8S

-----  
Date: Wed, 28 Jan 2004 07:52:14 -0500  
From: "ERNEST GREGOIRE" <e.gregoire2@verizon.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166442] Hardware Fire Wall Best Virus Protection  
Message-ID: <001001c3e59d\$90da5600\$6400a8c0@ernesthk6phx5u>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hello Gang,

My computer was attacked with a virus even though I had PC-Cillin and  
Zone Alarm for a fire wall a while back.

I had to start over and wipe the hard disk clean and re-install  
everything.

The computer guru at a local shop suggested a router for a hardware fire  
wall to stop unauthorized access. It seems that the virus guys can't get  
past the router.

It's small and fits on top of the DSL modem. It has done its job ,so far  
so good. I have not received any virus e-mail that many of you have  
received.

BTW 15 METERS WAS OPEN YESTERDAY

I will try 15 and 10 today,

73 de AA1IK/4

Ernie Gregoire

-----  
Date: Wed, 28 Jan 2004 04:53:51 -0800 (PST)  
From: Ron Majewski <bigsky2000@sbcglobal.net>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [166443] FS: Small Wonder Labs SW-30 QRP CW Xcvr  
Message-ID: <20040128125351.77917.qmail@web80211.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

For Sale:

Small Wonder SW-30 QRP CW Transceiver  
In SW enclosure  
RIT added to front panel (on/off switch & tuning knob)  
About 6 years old, excellent condition  
Puts out about 1.5w  
Included manuals and DC cable

\$70 shipped CONUS

Terms:

Money order or PayPal up front

Contact:

Ron (W8RU)  
bigsky2000 (at) sbcglobal.net

Thanks and 72/3!

-----  
Date: Wed, 28 Jan 2004 06:29:13 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: sergio <sergio@village-buzz.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [166444] Re: tuner question..  
Message-ID: <Pine.LNX.4.44.0401280625570.4701-100000@bucket.dog>



MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Jan 2004, sergio wrote:

>  
> after i got this new ts-520.. i needed a tuner..  
>  
> i went crazy and picked up that new mfj intellituner.. it's an automatic  
> tuner..  
>  
> seems to work well, but i do have some questions..  
>  
> it takes at least 5 watts to turn over the autotuner..

This is typical of most auto tuners.

>  
> with my k1 attached to it, it is just under the limit enough to keep it  
> from turning over.. if i change it to the 30 watt range, i can totally see  
> meter deflection, and it will give me an swr.. but.. it won't autotune..  
>

OK, thats a nice feature!

> i can, however, tune it manually, and zero right into a 1.0 swr..  
>

That is really good! You have a manual and an auto tuner.

> is this okay? will i have an acceptable swr doing this at such low levels?  
>

As long as you can see the forward and the reverse power your  
home free.

> once i get my hw-8 (2 watts) together.. can i use that on here, too?  
>  
> or should i just stick to the zm-2 to run my qrp rigs? it worked fine.. i  
> just wanna keep the switching to a minimum..  
>  
>  
>  
> ----  
> peace,

> ...sergio  
> photographer, journalist, visionary  
>  
> www.village-buzz.com <- read my blog  
> www.coffee-black.com <- my photography  
>  
>  
--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

-----  
Date: Wed, 28 Jan 2004 08:48:47 -0500  
From: "n3drk" <n3drk@triad.rr.com>  
To: <e.gregoire2@verizon.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [166445] Re: Hardware Fire Wall Best Virus Protection  
Message-ID: <05fd01c3e5a5\$74744f90\$6400a8c0@n3drk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a router also and I have not been attacked since installing one. One thing Ernest, do not put the router on top of the dsl modem. The modem can generate lots of heat which needs to escape.

73's  
john

----- Original Message -----

From: "ERNEST GREGOIRE" <e.gregoire2@verizon.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, January 28, 2004 7:52 AM  
Subject: Hardware Fire Wall Best Virus Protection

> Hello Gang,  
>  
> My computer was attacked with a virus even though I had PC-Cillin and  
> Zone Alarm for a fire wall a while back.  
>  
> I had to start over and wipe the hard disk clean and re-install  
> everything.  
>  
> The computer guru at a local shop suggested a router for a hardware fire

> wall to stop unauthorized access. It seems that the virus guys can't get  
> past the router.  
>  
> It's small and fits on top of the DSL modem. It has done its job ,so far  
> so good. I have not received any virus e-mail that many of you have  
> received.  
>  
> BTW 15 METERS WAS OPEN YESTERDAY  
>  
> I will try 15 and 10 today,  
>  
> 73 de AA1IK/4  
>  
> Ernie Gregoire  
>  
>  
>  
>  
>

-----  
Date: Wed, 28 Jan 2004 08:34:03 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <e.gregoire2@verizon.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [166446] Re: Hardware Fire Wall Best Virus Protection  
Message-ID: <001b01c3e5a3\$6650b0e0\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

While I would never even consider a network without one, a hardware  
firewall offers absolutely ZERO protection against the virus email's that  
you are talking about.

And getting the firewall does NOT absolve you from the responsibility  
of using that gray stuff between your ears and being careful with unknown  
emails.

> The computer guru at a local shop suggested a router for a hardware fire  
> wall to stop unauthorized access. It seems that the virus guys can't get  
> past the router.  
>

> It's small and fits on top of the DSL modem. It has done its job ,so far  
> so good. I have not received any virus e-mail that many of you have  
> received.  
>  
> Ernie Gregoire

-----  
Date: Wed, 28 Jan 2004 09:12:30 -0500  
From: "ERNEST GREGOIRE" <e.gregoire2@verizon.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166447] North American Sprint and Solar Condx  
Message-ID: <001601c3e5a8\$c7750fb0\$6400a8c0@ernesthk6phx5u>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

North American Sprint  
CW: 0000Z - 0400Z February 1, 2004

<<Forecast  
The geomagnetic field is expected to be unsettled to minor storm on  
January 28 due to a high speed stream from coronal hole CH77. Quiet to  
unsettled is expected for January 29-30. On January 31 a high speed  
stream from coronal hole CH78 is likely to arrive and cause unsettled to  
minor storm conditions lasting until February 4.>>

<<This report has been prepared by Jan Alvestad. It is based partly on  
my own observations and analysis, and partly on data from sources noted  
in solar links. All time references are to the UTC day. Comments and  
suggestions are always welcome.>>

Ernie Gregoire

-----  
Date: Wed, 28 Jan 2004 08:15:30 -0600

From: "Lew Paceley" <lew@paceley.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Cc: <sergio@village-buzz.com>  
Subject: [166448] Re: longwire and 80m..  
Message-ID: <001701c3e5a9\$301dd100\$6501a8c0@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hi Sergio,  
At 130' you have a half-wave at 3.6 MHz. The impedance at the end of the wire where you are feeding it at that frequency is very high, probably on the order of 2000+ ohms resistive and probably some reactance too. Your tuner may still tune it but you'll have to do it manually.

If that doesn't work I'd attach a small 3 - 6 foot wire on the tuner's ground terminal and try manual tuning again. And if that didn't work I'd attach a 1/4 wave "counterpoise" (66' wire - lay it on the ground) off the tuner's ground terminal and try again. Note the 66' wire might make 40/20 meter tuning tough.

A center fed wire of the same length would probably be easier for your tuner but I understand it's not always possible to hang a transmission line where we might want it. :)

GL es

72/73,  
\*Lew\*  
N5ZE

-----  
Date: Wed, 28 Jan 2004 09:16:19 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: sergio@village-buzz.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [166449] Re: longwire and 80m..  
Message-ID: <4017C433.3CA20C4B@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sergio,

>

> since then, it ran well..  
> ...  
> the wire is about 130 feet long..  
>

Are these indicators of a problem?; probably. First off, you shouldn't have to run all your gear on battery power. To me, this means you either have a "ground loop" somewhere or you have done a poor job of bonding everything together. No you don't have to weld the units together, but you should have the cases and/or chassis securely connected together. With the HW-8 you can probably get away with hook up wire; with the TS-520 you should be using heavy gauge wire or braid.

Antenna length. A 130 foot wire is awfully close to a half-wave at 80 meters. It will present a VERY high impedance to your tuner. You may have actually exceeded your tuner's range.

Also, you are using much higher power now and that could be showing you where you have a problem. Hogs power is much less tolerant of loose or poor connections.

What kind of SWR bridge are you using? Does it have actual scale units on it AND a power range low enough fo the HW-8" Are you using the same meter on a higher scale with the TS-520? This way is the only way to accurately compare SWR readings between two rigs.

Are you running a tuned ground? I know everybody says you don't need a ground with a half-wave, but I have found it helps. The lack of a ground may actually be masking other problems such as poor connections.

Check out your entire station. Look at how you are interconnecting the units. Install a tuned ground for your antenna and a safety ground for your station. If you must use two different SWR bridges for your stations, optimize the TS-520 installation first. It is easy to go from 100 watts to 2 watts, but not the other way.

Bruce

-----  
Date: Wed, 28 Jan 2004 09:37:11 -0500 (Eastern Standard Time)  
From: "Pastor-kc1di" <elbc2@gwi.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
<sergio@village-buzz.com>  
Subject: [166450] Re: longwire and 80m..  
Message-ID: <4017C917.000001.03732@DOR>  
MIME-Version: 1.0  
Content-Type: Text/Plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: sergio@village-buzz.com  
Date: 01/28/04 06:45:55  
To: Low Power Amateur Radio Discussion  
Subject: longwire and 80m..

i have a longwire that i am tuning for 80m..

i had some trouble tuning it on the hw-8 until i started running all my gear with a battery..

since then, it ran well..

when i got the ts-520, and the autotuner.. i suddenly found that i couldn't tune 80m on that antenna to save my life..

the wire is about 130 feet long..

is this the problem? the length of the wire?

-----  
peace,  
...sergio

Hi Sergio,

The 130 foot length will present a hi impedance of severall K ohms at 80M..  
Check t he Tuner specs I bet you will find that your auto tuner will only tune in the order of 600 to 800 ohms max.

Solutions range from shortening the wire to bring it within the tuners range 1/4 usually will do it.. , Install a 4:1 balun or use a different tuner .

hope this helps,  
73 Dave KC1DI

-----

Date: Wed, 28 Jan 2004 09:34:33 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: sergio@village-buzz.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [166451] Re: ts-520 and qrp..  
Message-ID: <4017C879.14B904AD@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sergio,

Your uning range is really a function of your antenna; it has nothing to do with the rig. Published experience shows that a good antenna installation will probably allow up to 50 kHz excursions before the SWORE rises to 2:1. Your experience may vary, of course. Carefully watching your SWR as you move up and down around your tuning point.

You should NOT use carrier level to adjust power output. You use the ALC control while watching the power output meter reading. Tune up at 100 watts first before lowering power.

Bruce

-----  
Date: Wed, 28 Jan 2004 09:40:37 -0500 (Eastern Standard Time)  
From: "Pastor-kc1di" <elbc2@gwi.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
<sergio@village-buzz.com>  
Subject: [166452] Re: ts-520 and qrp..  
Message-ID: <4017C9E5.000003.03732@DOR>  
MIME-Version: 1.0  
Content-Type: Text/Plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: sergio@village-buzz.com  
Date: 01/28/04 06:45:54  
To: Low Power Amateur Radio Discussion  
Subject: ts-520 and qrp..

i would like to run this big giant thing as a qrp rig..



to do this, would i just adjust the carrier level, and watch the power meter on the tuner until it goes to 5 watts?

for those of you who have this radio, about how many khz can you tune around on the band before you have to retune the radio?

i am still working on this.. but it seems like if i move around alot, i have to retune the radio to get full power..

-----  
peace,  
...sergio

Hi Again,  
Been many years since I played with a ts 520.. had one for many years in the 70's early 80's as I remember I had to apply negative voltage to the alc network to get it down to 5watt. think you can do that through the accessory socket in the back of the rig. as for tuning around about 100 khz is normal .  
73 Dave

-----  
Date: Wed, 28 Jan 2004 07:44:58 -0700  
From: kizerian@xmission.com  
To: farson@shaw.ca  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [166453] RE: DC vs. Superhet for beginners?  
Message-ID: <1075301098.4017caea69b2e@webmail.xmission.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit

>  
> We are looking across a gulf of two, or possibly three, generations at a  
> group of kids who grew up living and breathing technology which did not even  
> exist when we were growing up. We stand before kids who can write  
> applications on their PC's, youngsters who have pointed out to NASA that  
> "virtual" space travel as exemplified by the Mars Rovers may be an  
> acceptable alternative to manned spaceflight. These young folk are totally  
> comfortable with the Martian images they see on the Web and on TV, images  
> which ignite their imagination and vision. And do we honestly think we can  
> interest these wonderful kids in building electronic circuits whose  
> functionality and capability are infinitely beneath what they have already  
> experienced thanks to the technological tools which are at their disposal

> nowadays?  
>  
> Best 73,  
> Adam, VA7OJ/AB4OJ  
> North Vancouver, BC, Canada  
>  
>

This is true, but the "thought processes" in many cases are diminishing. The kids are stimulated with a barrage of images from TV, videos, and games, but these are not necessarily good stimuli. Young people read less, exercise less and DO less than the previous generations. Incidentally, reading and listening for that matter cause more brain activity than watching. Yes the kids are inundated with technology but mostly their involvement is pretty much passive.

I work in an engineering lab that often employs students and graduates. I find it amazing how a young person can come to work with a degree in engineering or computer science and know virtually nothing practical about the tools of his trade. Mechanical engineers are not very familiar with machine tools and have great difficulty designing parts that can be fabricated. Electronic engineers don't know how to solder and have minimal parts recognition skills (and that's just the beginning). Computer science grads think anything can be simulated and that prototyping is unnecessary.

Are these kids smart (intelligent)? Usually. Are they educated? Hardly. Have they wasted most of their young lives on trivial stimulation. Definitely.

Believe it or not there is a crying need for people willing to help kids learn to use their brains by building stuff--that includes simple radios or kites or telescopes or doll houses, etc.

Is their competition for their attention? Yes, way too much. Most of the challenge involves getting their short attention spans directed to something positive and helping them learn to apply themselves to constructive, hands-on pursuits.

It is a challenge to get their attention and help them, but it is also one of the most rewarding things

you will ever do.

If we want to compete in world markets in the future we have to do something now--like start looking around your own family or neighborhood for an opportunity to help a young person develop REAL and useful technical skills.

Having said all this, I admit. There are exceptions, but they are exceptions--not the rule. I say turn off your radios for a while, buy a kit, and help some youngster in a way that will do him permanent good.

Bruce kk7zz

P.S. Sorry for the tirade, but this is something that is really important to me.

-----  
Date: Wed, 28 Jan 2004 07:04:07 -0800  
From: "PHILIP DECAIRE" <pedecaire@email.msn.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166454] Re: ts-520 and qrp..  
Message-ID: <000501c3e5af\$fb1b3e50\$20562a43@grape>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sergio -

The TS520 makes a great QRP rig. Yes, just adjust the carrier control down until you're at 5 watts or whatever you like. The unit I had adjusted very smoothly down to essentially zero, and it held pretty well. For QRP I left the loading at minimum (max CCW) and just dipped the final and tweaked the carrier control to get 5 watts.

The exciter tuning control (forget what its labeled) does have to be peaked as you tune the band or the power drops off. If you run an antenna tuner, same there.

30 years later, the TS520 is still a very nice rig!

72's, Phil WB7AEI

-----  
Date: Wed, 28 Jan 2004 09:34:37 -0500 (EST)  
From: ham@w3eax.umd.edu  
To: sergio <sergio@village-buzz.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [166455] Re: ts-520 and qrp..  
Message-ID: <Pine.LNX.4.44.0401280934200.1153-1000000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

In my experience, retune every +/- 40 kHz or so.

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

On Wed, 28 Jan 2004, sergio wrote:

>  
> i would like to run this big giant thing as a qrp rig..  
>  
> to do this, would i just adjust the carrier level, and watch the power  
> meter on the tuner until it goes to 5 watts?  
>  
> for those of you who have this radio, about how many khz can you tune  
> around on the band before you have to retune the radio?  
>  
> i am still working on this.. but it seems like if i move around alot, i  
> have to retune the radio to get full power..  
>  
>  
>  
> ----  
> peace,  
> ...sergio  
> photographer, journalist, visionary  
>  
> www.village-buzz.com <- read my blog  
> www.coffee-black.com <- my photography  
>  
>

-----  
Date: Wed, 28 Jan 2004 08:08:34 -0700

From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
To: "'rjohnson390@comcast.net'" <rjohnson390@comcast.net>,  
      "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [166456] Re: Front end attenuators  
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734ECB@az33exm05.corp.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
      charset="iso-8859-1"

I cannot see a good reason for the front end attenuator of a receiver to have a number of small steps. If the surrounding RF signals are large enough to create a problem in the receiver, a larger attenuation value is needed.

If I could have two different attenuators that I could separately kick in, I would be tempted to go with a 10 db and a 20 db attenuator. The values for a 10 or 20 db pi type attenuator can be found in the ARRL handbook. If I had only one, I might be tempted to go with a 15 db attenuator.

For a 20 db pi type attenuator, the "leg" values are 55 ohms, the center series value is 495 ohms. For receiver front end purposes, these do not need to be precise, so 47 or 51 ohm along with a 470 ohm resistor is good enough.

For a 10 db pi type attenuator, the "leg" values are 65.8 ohms, the center series value is 142.3 ohms. 68 ohm and 150 ohm resistors are probably good enough.

If you want the attenuation to be more precise, you can either order 1% resistors from Mouser or Digikey, or you can parallel higher value resistor with lower value resistors to get closer to the right value.

For example, a 55 ohm resistor could be formed by using a 68 ohm resistor in parallel with a 270 ohm resistor. Given the 5% tolerance of most common resistors, you could get dead on if you measured and sorted resistors.

- Dan, N7VE

-----  
Date: Wed, 28 Jan 2004 07:09:10 -0800  
From: "PHILIP DECAIRE" <pedecaire@email.msn.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166457] Re: longwire and 80m..  
Message-ID: <000901c3e5b0\$af375630\$20562a43@grape>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yes! Your wire is almost dead on 1/2 wave. As such it presents a high impedance (about 5000 ohms) to your tuner. MOST tuners won't handle that, although there are designs that will. The NJQRP web site has some good EFHWA (End Fed Half Wave Antenna) info. Simple tuners can be built that will tune it on 80M. The advantage of the end fed half wave is that you don't need a good "RF ground". Usually a relatively small counterpoise (like a dozen feet of wire layed out on the floor) will work. That's because the input current to the antenna is so low, due to the high impedance.

The wire will also be close to a multiple of 1/2 wave on all the other bands, and so you may have difficulty tuning it on them too with a standard tuner.

72's, Phil WB7AEI

-----  
Date: Wed, 28 Jan 2004 09:14:45 -0600  
From: "Jim Sheldon" <w0eb@cox.net>  
To: "Flying Pigs Mailing List" <fpqrp-1@mpna.com>,  
"Four States QRP Group" <4sqrp@mailman.qth.net>,  
Subject: [166458] FS/FT MFJ-9040 40 meter QRP rig  
Message-ID: <IBEGLCMLCDHHEFLBPHBOIELLDAAA.w0eb@cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For Sale (\$60) or trade (make me an offer). MFJ-9040 4 watt 40 meter VFO controlled CW transceiver. Works great. Cosmetically it's about a 7, a few scratches here and there, but this rig has been used in the field like it should have been. I've checked the alignment with a recently calibrated IFR-1200 commercial service monitor, the RX is good for .3 microvolt, the TX puts out a solid 4 watts on 13.8 volts. It has the MFJ narrow audio filter installed. A plus, the original box and manual is with it.

The sale price includes shipping in CONUS. Money order or Pay Pal(preferred).

Interested parties email me off list please.

Jim Sheldon, W0EB  
w0eb@cox.net

-----  
Date: Wed, 28 Jan 2004 10:07:17 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <e.gregoire2@verizon.net>  
Subject: [166459] Re: Hardware Fire Wall Best Virus Protection  
Message-ID: <000201c3e5b4\$4b3563d0\$080044c0@BrianBoru>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Personally, I am a big fan of a separate firewall rather than something embedded in the windoze box. \*HOWEVER\* ... for most viruses, the firewall will do absolutely nothing, zip, nada. There are a few exceptions like Code Red, but these tend to only be issues if you are running a web server or something like that on your PC.

The firewall prevents someone from connecting to your computer who shouldn't. It can also prevent you from connecting to things that maybe you don't want to. But most viruses come in on your email, so the firewall won't do anything to stop them unless you block email. One thing it can do, though. Some viruses provide a port for someone to control your computer. If you have been infected, the firewall can prevent them from taking control. But most viruses do their damage locally so the firewall has no effect.

There are firewalls that examine email for viruses, but they are pretty much not for consumer use. And they are, of necessity, not as good as your normal antivirus software.

So, your not being attacked since you installed the firewall could be attributed to sheer dumb luck. More likely it's a result of you being a little more sensitive to keeping your antivirus software up to date and being judicious about what you click on.

It's not rocket surgery to keep clean from viruses, but unfortunately there is no magic wall we can hide behind. The only answer is eternal vigilance.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "ERNEST GREGOIRE" <e.gregoire2@verizon.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, January 28, 2004 7:52 AM

Subject: Hardware Fire Wall Best Virus Protection

> Hello Gang,

>

> My computer was attacked with a virus even though I had PC-Cillin and

> Zone Alarm for a fire wall a while back.

>

> I had to start over and wipe the hard disk clean and re-install

> everything.

>

> The computer guru at a local shop suggested a router for a hardware fire

> wall to stop unauthorized access. It seems that the virus guys can't get

> past the router.

>

> It's small and fits on top of the DSL modem. It has done its job ,so far

> so good. I have not received any virus e-mail that many of you have

> received.

>

> BTW 15 METERS WAS OPEN YESTERDAY

>

> I will try 15 and 10 today,

>

> 73 de AA1IK/4

>

> Ernie Gregoire

>

>

>

>

>

-----

Date: Wed, 28 Jan 2004 09:48:12 -0600 (CST)

From: Dale Botkin <dale@botkin.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [166460] Re: Hardware Fire Wall Best Virus Protection

Message-ID: <Pine.LNX.4.33.0401280928450.1914-100000@madmax.botkin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII



On Wed, 28 Jan 2004, Mike Yetsko wrote:

> While I would never even consider a network without one, a hardware  
> firewall offers absolutely ZERO protection against the virus email's that  
> you are talking about.

You are correct. Mostly they prevent Bad People(tm) from outside from finding a way into your computer. Also, many of the virus/worm emails and web pages and popups install a "back door", allowing aforementioned Bad People(tm) unfettered access to your computer, which they will then typically use to spread SPAM and more virii throughout the world. Many also install keystroke loggers which capture things like user account names, passwords, credit card numbers and such things and give them to the originator of the virus/worm, who you probably do not want to have such information.

The best defense for an Internet-connected PC is a real firewall running on a secured host between you and the Internet. This firewall should control access from both directions, proxy web connections, filter and de-SPAM email, log and notify you of hack attempts, and generally permit only what you wish to permit. Even with this, if you use Windows you are at the mercy of the latest Internet Explorer or Outlook security hole - but the risks are far less severe, to the point where your installed AVG or Norton or whatever desktop anti-virus can be more effective. Using something like Pine or Mozilla to read your email on a non-Windows system adds a far greater amount of safety.

Unfortunately, most people do not have the skills and experience needed to build, install and maintain such a firewall. The little hardware firewall boxes are certainly better than nothing, but don't be lulled into thinking you can get rid of your AV software and not pay attention to your email security.

ObQRP:

I suffer from a LOT of QRN at my location. The antenna is wire in the attic, and unless the local power company has blessed me with the opportunity to run off battery power, it's REALLY noisy, especially at night. I suspect this is due to more people being home with appliances, TVs, video games, etc. being on. Now that I think about it, I also need to check my yard lights, they come on at night too.

Anyway, I'm looking at picking up a DSP on eBay (if you have one for sale, please email me privately). I'm not too gung-ho on spending several hundred on a new DSP-599ZX or whatever just to see if it works and I like it. I'm looking more at something like a NIR-10, and older Timewave or MFJ or something I can pick up for under \$100. I have also seen the

ANC-4, which is a different animal altogether. How effective are all of these things at eliminating the horrendous hash found in suburban neighborhoods? I'm just afraid I'm calling CQ, people are answering and I'm not hearing them, and I don't want to have an "alligator" station.

72,

Dale - n0xas

--

It's a thankless job, but I've got a lot of Karma to burn off.

NEW PicoKeyer version with pot AND paddle control coming!

Check <http://www.hamgadgets.com> for news.

-----  
Date: Wed, 28 Jan 2004 10:53:12 -0500 (EST)

From: <w9ya@arrl.net>

To: <qrp-l@Lehigh.EDU>

Subject: [166461] Re: Hardware Fire Wall Best Virus Protection

Message-ID: <2777.192.168.1.117.1075305192.squirrel@gateway>

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

Hey gang;

I have been ignoring all of the virus email here on qrp-l of late. To me it is mostly noise or qrm, and as good little communicators our elmers taught us to ignore these things along with the lids and such. I feel the same way about discussions of viruses. We get them sent to us, and there isn't anyway to stop getting this offensive email without potential loss of good email in the process OR incomplete results of some nature.

But for some odd reason this one qrp-l message caught my eye.

NO offense meant to the poster in \*any\* way, but um, your local "computer guru is selling you some snake oil about the hardware router.

Nuff said.

Vy 72;

Bob

w9ya

> Hello Gang,

>

> My computer was attacked with a virus even though I had PC-Cillin and  
> Zone Alarm for a fire wall a while back.  
>  
> I had to start over and wipe the hard disk clean and re-install  
> everything.  
>  
> The computer guru at a local shop suggested a router for a hardware  
> fire wall to stop unauthorized access. It seems that the virus guys  
> can't get past the router.  
>  
> It's small and fits on top of the DSL modem. It has done its job ,so  
> far so good. I have not received any virus e-mail that many of you  
> have received.  
>  
> BTW 15 METERS WAS OPEN YESTERDAY  
>  
> I will try 15 and 10 today,  
>  
> 73 de AA1IK/4  
>  
> Ernie Gregoire

-----  
Date: Wed, 28 Jan 2004 16:05:56 -0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: <sergio@village-buzz.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166462] Re: longwire and 80m..  
Message-ID: <Law15-DAV278Ua8d9Ee000251f7@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: "sergio" <sergio@village-buzz.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, January 28, 2004 6:59 AM  
Subject: longwire and 80m..

>  
> i have a longwire that i am tuning for 80m..

>  
> i had some trouble tuning it on the hw-8 until i started running all my  
> gear with a battery..  
>  
> since then, it ran well..  
>  
> when i got the ts-520, and the autotuner.. i suddenly found that i  
couldn't  
> tune 80m on that antenna to save my life..  
>  
> the wire is about 130 feet long..  
>  
> is this the problem? the length of the wire?

Isn't a true long wire over  $10 \times \lambda$ ?

73, Leon

--

Leon Heller, G1HSM

Email: aqzf13@dsl.pipex.com

My low-cost Philips LPC210x ARM development system:

[http://www.geocities.com/leon\\_heller/lpc2104.html](http://www.geocities.com/leon_heller/lpc2104.html)

-----  
Date: Wed, 28 Jan 2004 11:20:54 EST  
From: IamSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [166463] Re: ts-520 and qrp..  
Message-ID: <82.4057bfe.2d493b66@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 1/28/2004 11:00:13 AM Eastern Standard Time,  
ham@w3eax.umd.edu writes:  
In my experience, retune every +/- 40 kHz or so.  
I used to retune every 100 KC when using a cut and pruned dipole and all I  
really did was adjust the preselector.  
Bob  
AF2Q

-----  
Date: Wed, 28 Jan 2004 11:24:10 -0500  
From: Bob Patten <n4bp@bellsouth.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>, Bruce Phegley <w4ov@arrl.net>,  
Kevin Bunin <k4pg@arrl.net>

Subject: [166464] NorCal Paddle Revisited  
Message-ID: <4017E22A.60605@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

I had always had what appeared to be intermittent contacts on my NorCal paddle, even after modding it with the silvered relay contacts. Having just completed one of the Arizona ScQRPion paddles, I "borrowed" an idea from them that appears to have cured the problem:

Remove the two arms from the base and drill a small hole in front of each of the bearing threaded holes, being careful to leave clearance for the original flat washers. Next, lightly sand the underside of each arm in the area just forward of the bearings. Take two strands from a piece of stranded hookup wire and carefully solder a piece to each arm. The tricks here are to align the points where they are soldered to the new holes in the base, and to keep the build-up of solder to a minimum so clearance is maintained. Next, remount the arms with the new wires extending through the holes in the base. Finally solder the two wires to the ground lug located in the approximate center of the base.

After completing the mod, I had a chat with K0ZK on 14060 and the paddle performed flawlessly.

--

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@arrl.net Website: <http://www.qsl.net/n4bp>  
QRP ARCI #3412 SOC #1 ARS #799 Whiners #6 FISTS #7871

-----  
Date: Wed, 28 Jan 2004 11:26:49 -0500  
From: "John" <johndorson@worldshare.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [166465] FS: 2 meter handheld  
Message-ID: <001d01c3e5bb\$8c127210\$db3a8d41@ATHOME>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Alinco model DJ-F1 2 meter handheld. Needs battery but works from external supply. Comes with charger and original manual.

Spec. TX 144.000 - 147.995

RX 138.000 - 173.995

40 memories + call

channel steps 5, 10, 12.5, 20 and 25 kHz

Batteries are available.

Asking \$55.00 including shipping in CONUSA.

Thanks.

John K2JHU...

Melbourne Beach, FL

South Island Real Estate

johndorson@worldshare.net

-----  
Date: Wed, 28 Jan 2004 10:29:05 -0600 (CST)

From: Dale Botkin <dale@botkin.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [166466] RE: DC vs. Superhet for beginners?

Message-ID: <Pine.LNX.4.33.0401281020070.1914-100000@madmax.botkin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Bruce (KK7ZZ) is right on target. I have heard a lot about making it "too easy" with some of the kits, but I really have to disagree. There are plenty of kits with a moderate to high degree of difficulty out there. For example, I have built three Rock-Mites now... to me they are almost trivially simple to build, but I've been building stuff a long time. It would be tough for a lot of folks. Heck, my own keyer kits take an average builder about as long as it takes your coffee to cool off, but then we're not ALL average builders!

We don't send Cub Scouts out on 20 mile hikes to camp in the wilderness, or drop them at the base of Everest and wish 'em luck. Sure, some people

do that for fun, but they certainly didn't start out that way. For every K2 out there, we need a thousand Cub Scouts with crystal radios, a few hundred Boy Scouts adding transistors and learning Morse code, and so on. THAT is how we're going to get motivated, educated people into ham radio so we don't just have to talk to our own dwindling pool of hams until we all die off.

72,

Dale - n0xas

--

It's a thankless job, but I've got a lot of Karma to burn off.

NEW PicoKeyer version with pot AND paddle control coming!

Check <http://www.hamgadgets.com> for news.

-----  
Date: Wed, 28 Jan 2004 11:57:27 -0500  
From: Jake Brodsky <frussle@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [166467] Re: THE K2 AND AIRPLANE BUFFS  
Message-ID: <r3qf101h7lbgimc92uioc0l3c40ijal62r@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Sat, 24 Jan 2004 07:38:15 -0500, you wrote:

>Now, not only is open fire a no-no in California, but it is a federal  
>crime to toss anything out of an aircraft.

Actually, that's not true. You CAN throw lots of things from aircraft as long as they land in places where they can't do any damage. For example, many flying clubs like to practice flour bombing runs down the runway. Toss a sack of flour out of the airplane and it makes a nice little puff when it lands. Whoever gets the closest to the target wins. =20

It's also not uncommon for bush pilots to toss a few darts at the tundra to evaluate how soft the surface of the tundra is. =20

And finally, let's not forget those unruly passengers wearing parachutes. They actually look forward to getting thrown out of the airplane...

If any of you are thinking of combining these endeavors further, there is a list at [cqairmobile@yahoo.com](mailto:cqairmobile@yahoo.com) =20

Jake Brodsky

"Never mind the Turing Test, what about the Turing Graduates?"

-----  
Date: Wed, 28 Jan 2004 09:04:26 -0800  
From: "Trevor Jacobs" <kg6cyn@softhome.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [166468] Re: AT Sprint owners - opinion on headphones or ear buds??  
Message-ID: <002601c3e5c0\$cb161750\$38fea8c0@TREVORMAINPC>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey guys,

Just checked the Sony MDR-E818LP Ear Buds that I bought at Fry's Electronics recently. I have one pair still in the package. The specs are:

Power Handling: 50 mW  
Impedance: 16 Ohms at 1 KHz  
Sensitivity: 108 dB/mW  
Frequency Response: 12-22,000 Hz

These are my favorite ear buds by far and work very well with the K1, DSW-40, and SW-40+. Best feature of all is the price! They cost only \$8.99!! I'm sure that you could also find them online with a google search.

Saying all this, I haven't tried the Koss type, but these fit my ear very well and sound fantastic for CW. On the K1 I typically run the volume pot to the 9:00 position max, and usually lower. I have tried other brands, but they either didn't have the nice sound or were uncomfortable in my ear, and to me that's the most important thing when you'll be wearing them for an extended time.

73's Trev - KG6CYN  
<http://www.qsl.net/kg6cyn>

-----  
Date: Wed, 28 Jan 2004 10:02:28 -0700



From: "M.M." <markem@cox.net>  
To: qrp-1@Lehigh.EDU  
Subject: [166469] Re: Hardware Fire Wall Best Virus Protection  
Message-ID: <6.0.0.22.0.20040128095542.02686f78@127.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:34 01/28/04, Mike Yetzko wrote:

>While I would never even consider a network without one, a hardware  
>firewall offers absolutely ZERO protection against the virus email's that  
>you are talking about.

The best protection against virii (viruses?) (and, BTW, most of what people call a virus is actually something else, i.e. a worm or a trojan horse, etc.) is to not use Microsoft Outlook or Outlook Express...

And I'm not saying everyone should switch to Linux...just consider another Windows email client, like Eudora or several others.

A firewall and virus checker are also good steps.

FWIW.... 73... Mark AA7TA

-----  
Date: Wed, 28 Jan 2004 08:59:22 -0800  
From: "Doug Hendricks" <ki6ds@dpol.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166470] Re: NorCal Paddle Revisited  
Message-ID: <008101c3e5c0\$14010ac0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bob, excellent suggestion. Now that is what I call "Reverse Engineering" at its best. Thanks for sharing. 72, Doug

-----  
Date: Wed, 28 Jan 2004 13:08:27 -0600  
From: Jeff Strandberg <wv3b@us.net>  
To: qrp-1@lehigh.edu  
Subject: [166471] Fox: K0UU checklog request  
Message-ID: <1075316907.401808abc13a2@webmail.us.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit

Hounds,

An unusual request from K0UU, a Fox whose logging program crashed mid-pileup last night. Several QSOs were lost. I know the time frame from the last prior backup but need you to check the following list to make sure you are in the log.

If you worked K0UU last night and are not on it, please email me off list (k0uu@arrl.net) and be sure to include the exact time (UTC) of our QSO.

If it coincides with the time window and I recollect the call, the QSO will be restored manually. I apologize for this.

There are not many of you, and you know who you are. This list has been sorted alphanumerically to discourage poachers who, if caught, will be fed to the hounds:

AA50  
AB9CA  
AC5JH  
AC7A  
AG4PJ  
K0EVZ  
K0LOA  
K0MAX  
K0PC  
K0UU  
K4BYF  
K4JPN  
K5DI  
K5DW  
K5DW  
K5E0A  
K5JHP  
K5TV  
K5UV  
K6IA  
K6VNX  
KC1FB  
KC5LD  
KD5UDB  
KI0II  
KK5LD  
KL7V  
KN5L

N1FN  
N1TP  
N5ZE  
N7CQR  
N9NE/M  
NK6A  
W0ANM  
W2XN  
W5HNS  
W5TB  
W5USJ  
W5YR  
W7ILW  
WA5BDU

Tnx/72 Jeff sk

-----  
This mail sent through IMP: <http://horde.org/imp/>  
-----

Date: Wed, 28 Jan 2004 08:31:35 -0900  
From: Jim Larsen <JimLarsen2002@alaska.net>  
To: sergio@village-buzz.com, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [166472] Re: ts-520 and qrp...Using ALC to get QRP and other mods  
Message-ID: <4017F1F7.6080404@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I don't know if these will work for you but you may wish to check them out.

<http://www.g3ycc.karoo.net/qromod.htm>

<http://home.att.net/~alan.kaul/alc.html>

Low Power Modifications to the TS-520SE & FT-990  
<http://k8ctt.home.att.net/QRP/mods.htm>

Ah, the joys of Google.com

73, Jim

--

Jim Larsen, AL7FS  
Anchorage, Alaska

<http://www.qsl.net/al7fs>

-----  
Date: Wed, 28 Jan 2004 11:45:07 -0600  
From: "Randall" <firefox67501@Cox.net>  
To: <pedecaire@email.msn.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166473] RE: ts-520 and qrp..  
Message-ID: <NIBBJCNLILJPJOHAKDJAAEEODJAA.firefox67501@Cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does this work with the 530S too ?

thanks  
Randall

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
PHILIP DECAIRE  
Sent: Wednesday, January 28, 2004 9:04 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: ts-520 and qrp..

Sergio -

The TS520 makes a great QRP rig. Yes, just adjust the carrier control down until you're at 5 watts or whatever you like. The unit I had adjusted very smoothly down to essentially zero, and it held pretty well. For QRP I left the loading at minimum (max CCW) and just dipped the final and tweaked the carrier control to get 5 watts.

The exciter tuning control (forget what its labeled) does have to be peaked as you tune the band or the power drops off. If you run an antenna tuner, same there.

30 years later, the TS520 is still a very nice rig!

72's, Phil WB7AEI

-----  
Date: Wed, 28 Jan 2004 09:55:14 -0800  
From: "John Dooley W6ZIP" <portscom@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [166474] Need help with schematic for RS power supply for ham in Iraq  
Message-ID: <Law9-F860ktmzmVBCOW0000ca1a@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Received an email from Dwayne Barbee, KE4RVT/YI9RVT. He writes:

My name is Dwayne Barbee and I am currently working in Iraq, My callsigns are KE4RVT/YI9RVT. My Radio Shack 22-510 PS blew the electrolytic capcitors. I was wondering if you could email a copy of the schematic. I found a post you made on QRP-1. Sorry for the unsolicited email. I am unable to get any help from Rad. Shack. At this time I am running by battery and minimal antenna. Still waiting on antennas to arrive. Thanks for any assistance.

72/73/oo,  
Dwayne

I have not been able to find a schematic for this PS in any reference on the net. Can someone help Dwayne?? Please emailme with any replies and I'll get them back to him fast!!!! Thanks for the bandwidth,

John W6ZIP  
Victorville, Ca.

QRP-1 #2402  
ARS #712  
FISTS #9371  
FPQRP #645

-----  
Get a FREE online virus check for your PC here, from McAfee.  
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

-----  
Date: Wed, 28 Jan 2004 12:02:05 -0600

From: "George, W5YR" <w5yr@att.net>  
To: <dale@botkin.org>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [166475] Re: Hardware Fire Wall Best Virus Protection  
Message-ID: <00c401c3e5c8\$ffc0ef40\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dale, an attic antenna is prone to pick up a variety of noise from all the wiring, etc. up there. I have four full-size dipoles in the attic for 80, 40, 30, and 20 meters, all fed in parallel with RG-213 and a balun. They are clearly noisier than my outside antennas.

I use the ANC-4 and find that for some noise types with any of the antennas - there are four more outside - it can be very effective. Also, it can significantly reduce some local signal sources.

For example, my router places a couple of weak carriers around 7037-38 kHz which is prime Fox country. I find that by careful adjustment of the ANC-4 I can reduce the heterodynes almost down to band-noise level. Also, the Manual Notch on the PR02 and 746PRO will reduce the carriers, but that is another story.

I have used the NIR-12 for several years and it remains in my view the best outboard audio DSP unit. I presently used it on the output of my PR02 to control the higher frequency noise that is associated with the narrow DSP IF filter bandwidths.

It affords two NR functions and a most effective auto-notch. These are no longer being made, but are an excellent unit if you can find one used. They are superior to the NIR-10 in that they use two DSP processors and can support all functions concurrently.

Good luck!

73, George W5YR  
w5yr@att.net

----- Original Message -----

From: "Dale Botkin" <dale@botkin.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, January 28, 2004 9:48 AM  
Subject: Re: Hardware Fire Wall Best Virus Protection

<snip>

> I suffer from a LOT of QRN at my location. The antenna is wire in the  
> attic, and unless the local power company has blessed me with the  
> opportunity to run off battery power, it's REALLY noisy, especially at  
> night. I suspect this is due to more people being home with appliances,  
> TVs, video games, etc. being on. Now that I think about it, I also need  
> to check my yard lights, they come on at night too.  
>  
> Anyway, I'm looking at picking up a DSP on eBay (if you have one for sale,  
> please email me privately). I'm not too gung-ho on spending several  
> hundred on a new DSP-599ZX or whatever just to see if it works and I like  
> it. I'm looking more at something like a NIR-10, and older Timewave or  
> MFJ or something I can pick up for under \$100. I have also seen the  
> ANC-4, which is a different animal altogether. How effective are all of  
> these things at eliminating the horrendous hash found in suburban  
> neighborhoods? I'm just afraid I'm calling CQ, people are answering and  
> I'm not hearing them, and I don't want to have an "alligator" station.  
>  
> 72,  
> Dale - n0xas  
> --  
> It's a thankless job, but I've got a lot of Karma to burn off.  
> NEW PicoKeyer version with pot AND paddle control coming!  
> Check <http://www.hamgadgets.com> for news.  
>

-----  
Date: Wed, 28 Jan 2004 12:07:54 -0600  
From: "Jim Sheldon" <w0eb@cox.net>  
To: "Flying Pigs Mailing List" <fpqrp-l@mpna.com>,  
"Four States QRP Group" <4sqrp@mailman.qth.net>,  
Subject: [166476] MFJ-9040  
Message-ID: <IBEGLCMLCDHHEFLBPHBOKELODAAA.w0eb@cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

MFJ 9040 has been sold. Thanks all that replied.

Jim - W0EB

-----

Date: Wed, 28 Jan 2004 12:39:35 -0600

From: "George, W5YR" <w5yr@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,  
<dale@botkin.org>  
Subject: [166477] Re: DC vs. Superhet for beginners?  
Message-ID: <011001c3e5ce\$17f3e770\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dale, I guess the questions that bother me that I cannot answer are these:

1.why should a youngster build a 'shortwave' radio at the expense of the kit, the time to learn how to solder, etc., even with adult help and motivation?

2. what can he expect to do with it when and if it is completed?

>From our adult viewpoint as hams and experimenters who likely grew up with radio, so to speak, the answers are clear and obvious. But to a 10-year old, just how appealing is the process? And what is the purpose, for him/her, of listening to "shortwave" radio in this day and age?

My experience with my own grandkids is that among computers, IM'ing friends on the Net, video and computer games, and CD music listening, building and then spending time listening to a shortwave radio doesn't stand much chance of catching their attention or interest.

Not trying to rain on any parades, but I think that perhaps we err in projecting our own interests - coming from another background in time - upon a group that we would earnestly like to help enter this great hobby of ours.

Having said that, more power to those that are trying since there will always be a few youngsters that will be touched by the "magic" as I was at an early age and who will start their journey at that point.

For me, it led from listening to shortwave radio to amateur radio to degrees in EE and a successful professional career, and a most rewarding 57+ years of amateur radio. But in my peer group back in those days, I was the sole exception . . .I wonder if it is much different now.

73, George W5YR  
w5yr@att.net

----- Original Message -----

From: "Dale Botkin" <dale@botkin.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>



Sent: Wednesday, January 28, 2004 10:29 AM  
Subject: RE: DC vs. Superhet for beginners?

> Bruce (KK7ZZ) is right on target. I have heard a lot about making it "too  
> easy" with some of the kits, but I really have to disagree. There are  
> plenty of kits with a moderate to high degree of difficulty out there. For  
> example, I have built three Rock-Mites now... to me they are almost  
> trivially simple to build, but I've been building stuff a long time. It  
> would be tough for a lot of folks. Heck, my own keyer kits take an  
> average builder about as long as it takes your coffee to cool off, but  
> then we're not ALL average builders!  
>  
> We don't send Cub Scouts out on 20 mile hikes to camp in the wilderness,  
> or drop them at the base of Everest and wish 'em luck. Sure, some people  
> do that for fun, but they certainly didn't start out that way. For every  
> K2 out there, we need a thousand Cub Scouts with crystal radios, a few  
> hundred Boy Scouts adding transistors and learning Morse code, and so on.  
> THAT is how we're going to get motivated, educated people into ham radio  
> so we don't just have to talk to our own dwindling pool of hams until we  
> all die off.  
>  
> 72,  
> Dale - n0xas  
> --  
> It's a thankless job, but I've got a lot of Karma to burn off.  
> NEW PicoKeyer version with pot AND paddle control coming!  
> Check <http://www.hamgadgets.com> for news.  
>  
>

-----  
Date: Wed, 28 Jan 2004 12:46:04 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <sergio@village-buzz.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [166478] Re: longwire and 80m..  
Message-ID: <011601c3e5ce\$fc561730\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sergio, an antenna of that length on 80 meters has what is termed a "high impedance" at the end where you are feeding it by connecting it to the radio. Most internal tuners cannot handle such a high impedance and thus

cannot tune the antenna.

One approach would be to shorten the wire to about 67 feet which would then have a "low impedance" at the feedpoint and your tuner could probably handle that OK. You would have to use a so-called counterpoise or "driven ground" with such a setup, but that is another story.

But on 40 meters, the end feedpoint would again have a high impedance and you would have the same problem you are having now.

An external tuner is one way to handle this problem, especially if you want to operate more than just 80 meters.

The better solution is to feed the antenna in the center with ladderline or twinlead and use an external tuner

Hope this helps a little . . .

73, George W5YR  
w5yr@att.net

----- Original Message -----

From: "sergio" <sergio@village-buzz.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, January 28, 2004 12:59 AM

Subject: longwire and 80m..

>  
> i have a longwire that i am tuning for 80m..  
>  
> i had some trouble tuning it on the hw-8 until i started running all my  
> gear with a battery..  
>  
> since then, it ran well..  
>  
> when i got the ts-520, and the autotuner.. i suddenly found that i  
couldn't  
> tune 80m on that antenna to save my life..  
>  
> the wire is about 130 feet long..  
>  
> is this the problem? the length of the wire?

-----

Date: Wed, 28 Jan 2004 13:51:03 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: leon\_heller@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [166479] Re: longwire and 80m..  
Message-ID: <40180497.D78864EF@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Leon,

>

> Isn't a true long wire over  $10 \times \lambda$ ?

>

Ah the famous European desire for accuracy in thought and word. Yes, certainly a "true" long wire is one that is several wavelengths long. But I challenge you to identify very many hams who have the real estate to erect such a "long" wire a any ham band below 40 meters! Hams have traditionally used long wire to mean any piece of wire, almost any length.

73

-----  
Date: Wed, 28 Jan 2004 13:18:10 -0600 (CST)  
From: Dale Botkin <dale@botkin.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [166480] Re: DC vs. Superhet for beginners?  
Message-ID: <Pine.LNX.4.33.0401281242530.2381-1000000@madmax.botkin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Jan 2004, George, W5YR wrote:

> Dale, I guess the questions that bother me that I cannot answer are these:

>

> 1.why should a youngster build a 'shortwave' radio at the expense of the  
> kit, the time to learn how to solder, etc., even with adult help and  
> motivation?

I've found ham radio (and anything else more complicated than remembering to breathe) to be most effective in situations where those distractions you mentioned are not present. Scout campouts and a code practice oscillator, or HF rig, are a sure way to get some undivided attention!

Even so... my own kids don't show much interest in radio, but their friends do when they come over.

> 2. what can he expect to do with it when and if it is completed?

>

> >From our adult viewpoint as hams and experimenters who likely grew up with  
> radio, so to speak, the answers are clear and obvious. But to a 10-year old,  
> just how appealing is the process? And what is the purpose, for him/her, of  
> listening to "shortwave" radio in this day and age?

I grew up with TV, actually. And yes, we're NOT going to attract huge masses of eager young kids. I'd settle for a few hundred a year.

> Not trying to rain on any parades, but I think that perhaps we err in  
> projecting our own interests - coming from another background in time - upon  
> a group that we would earnestly like to help enter this great hobby of ours.

I agree we're not getting it quite right -- so any suggestions you've got are appreciated. My only real point was that even for the ones that ARE interested, there is no sin in making things easy on beginners, even if we did have to suck the air out of our own handmade vacuum tubes way back when. 8-)

72,

Dale - n0xas

--

It's a thankless job, but I've got a lot of Karma to burn off.

NEW PicoKeyer version with pot AND paddle control coming!

Check <http://www.hamgadgets.com> for news.

-----  
Date: Wed, 28 Jan 2004 14:17:22 -0800

From: "Mike Boatright" <ko4wx@mindspring.com>

To: "Qrp-L" <qrp-l@Lehigh.EDU>

Cc: <Dan.Tayloe@motorola.com>

Subject: [166481] Re: Front end attenuators

Message-ID: <NFBBILMKCMIIILGKAJMBLCEJGCNAA.ko4wx@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I would tend to agree with Dan. However, if I only could have one, I might consider 12dB. The difference between 100W and 5W is 13dB. 12dB is pretty close and also represents a 2 "S-unit" drop. If you can hear him with the ATT on, he can hear you. If I had 2, maybe I'd choose 12dB and 18dB. If I

was really clever, I might have a 6dB switchable attenuator followed by a 12dB one. Gives me one S-unit (roughly the difference between a 5W and a 1W signal), two S-units (100W to 5W) and three S-units (400W to 5W, roughly).

72 de Mike, K04WX

-----  
Date: Wed, 28 Jan 2004 13:26:34 -0600  
From: Christopher Kovacs <ckovacs@mn.rr.com>  
To: firefox67501@Cox.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [166482] Re: ts-520 and qrp..  
Message-ID: <40180CEA.6050709@mn.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Yes, or try this:

<http://www.mods.dk/mods.php3?radio=kenwood&model=ts-520&selectid=739#739>

Chris

Randall wrote:

>  
>  
> Does this work with the 530S too ?  
>  
> thanks  
> Randall  
>

-----  
Date: Wed, 28 Jan 2004 14:49:45 -0500  
From: W2EB <w2eb@twcnny.rr.com>  
To: qrp-l@lehigh.edu  
Subject: [166483] Re: DC vs. Superhet for beginners? (Long)  
Message-ID: <40181259.9020608@twcnny.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

All,

99% of what kids do today is "plug and Play". They buy it, plug it in, and it does it's technological wonder for them. The kids can definitely interact with it, and in the case of programming, can be creative. But these kids have virtually no knowledge of what's happening "under the hood".

Every year, I buy a Christmas present for my children that allows them to make something useful. Some items that come to mind are: "Make your own lamp", "Cotton Candy Machine", "Make your own Jewelry", "Make your own soap", "wood burners", \*\*Shortwave receiver kit\*\*, etc. These toys consistently turn out to be my kids' favorite present, and now that they're grown up, they STILL ask for presents of this type.

My point? While kids today are incredible technological operators, what is "mysterious" to them is HOW things work. What is "WONDEROUS" to them is that they can actually make something for themselves rather than just buying it and plugging it in.

Disagree? This year's HOT toys were.....Can you guess?....Do it yourself kits!

If attracting kids is the goal, go ahead and kit a useful receiver that's easy enough for a 10 year old to build. Even if it's not spectacular as a serious receiver, it'll whet their appetites and might even make them explore radio further.

Bill

W2EB

Syracuse, NY (The heart of the snow belt)

--

"Thomas Hodgkin died of natural causes"

-----  
Date: Wed, 28 Jan 2004 11:37:23 -0800

From: Adam Farson <farson@shaw.ca>

To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>

Subject: [166484] RE: DC vs. Superhet for beginners?

Message-ID: <BLEKJMCJBOEAAIECDNCGEMLIFAA.farson@shaw.ca>

MIME-version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Hi Bruce,

When I was a teenager, busily re-working WW2 R.A.F. R1155's, ARC-5's etc., we also had societal problems affecting young people. We had our share of

"dead-end kids", "ducktails", "motorbike boys" etc. (Usually a stint of National Service in HM Armed Forces straightened them up, though. The good ones went into Royal Signals and learned radio.)

But we also had kids animated by imagination and vision back then. Many of them became interested in ham radio, SWL'ing and other radio-related hobbies, and went from there to careers in electronics, radio communications and telecom - as I did. The point I was attempting to make in my original post was that the paradigms have shifted vastly since then, and the shift seems to have escaped the notice of many of us in the "elder" generation.

Cheers for now, 73,  
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of kizerian@xmission.com

Sent: Wednesday, January 28, 2004 06:45

To: Low Power Amateur Radio Discussion

Subject: RE: DC vs. Superhet for beginners?

>  
> We are looking across a gulf of two, or possibly three, generations at a  
> group of kids who grew up living and breathing technology which did not  
even  
> exist when we were growing up. We stand before kids who can write  
> applications on their PC's, youngsters who have pointed out to NASA that  
> "virtual" space travel as exemplified by the Mars Rovers may be an  
> acceptable alternative to manned spaceflight. These young folk are totally  
> comfortable with the Martian images they see on the Web and on TV, images  
> which ignite their imagination and vision. And do we honestly think we can  
> interest these wonderful kids in building electronic circuits whose  
> functionality and capability are infinitely beneath what they have already  
> experienced thanks to the technological tools which are at their disposal  
> nowadays?

>  
> Best 73,  
> Adam, VA7OJ/AB4OJ  
> North Vancouver, BC, Canada  
>  
>

This is true, but the "thought processes" in many cases are diminishing. The kids are stimulated with a barrage of images from TV, videos, and games, but these are not necessarily

good stimuli. Young people read less, exercise less and DO less than the previous generations. Incidentally, reading and listening for that matter cause more brain activity than watching. Yes the kids are inundated with technology but mostly their involvement is pretty much passive.

I work in an engineering lab that often employs students and graduates. I find it amazing how a young person can come to work with a degree in engineering or computer science and know virtually nothing practical about the tools of his trade. Mechanical engineers are not very familiar with machine tools and have great difficulty designing parts that can be fabricated. Electronic engineers don't know how to solder and have minimal parts recognition skills (and that's just the beginning). Computer science grads think anything can be simulated and that prototyping is unnecessary.

Are these kids smart (intelligent)? Usually. Are they educated? Hardly. Have they wasted most of their young lives on trivial stimulation. Definitely.

Believe it or not there is a crying need for people willing to help kids learn to use their brains by building stuff--that includes simple radios or kites or telescopes or doll houses, etc.

Is their competition for their attention? Yes, way too much. Most of the challenge involves getting their short attention spans directed to something positive and helping them learn to apply themselves to constructive, hands-on pursuits.

It is a challenge to get their attention and help them, but it is also one of the most rewarding things you will ever do.

If we want to compete in world markets in the future we have to do something now--like start looking around your own family or neighborhood for an opportunity to help a young person develop REAL and useful technical skills.

Having said all this, I admit. There are exceptions, but they are exceptions--not the rule. I say turn off your radios for a while, buy a kit, and help some youngster in a way that will do him permanent



good.

Bruce kk7zz

P.S. Sorry for the tirade, but this is something that is really important to me.

-----  
Date: Wed, 28 Jan 2004 11:56:48 -0800  
From: Adam Farson <farson@shaw.ca>  
To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>  
Subject: [166485] FW: DC vs. Superhet for beginners?  
Message-ID: <BLEKJMCJB0EAAIECDNNCMEMPIFAA.farson@shaw.ca>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

As my good friend George W5YR so eloquently expressed it, I think that perhaps we err in projecting our own interests - coming from another background in time - upon a group that we would earnestly like to help enter this great hobby of ours, but which started to go off in totally different directions before we even became aware that they were doing so.

Telecom and communications hardware has become totally trivial; in fact, today it seems to be no less a commodity than electrical supplies or computer hardware. Who is going to build or even repair a NIC or a HDD controller in this day and age? Today's equivalent to the youthful crystal-set and regen builders of our childhood years is much more likely to be sitting at a computer, configuring an 802.11g network to give his friends in the neighbourhood high-speed access to the NASA interactive site I mentioned in my original posting. The do-it-yourselfer of this generation will be writing and debugging code, whilst others in the electronics factories of Taipei and Shenzhen sniff the rosin (unless automated wave-soldering lines whisk the solder-smoke away.) This is a trend which our emotions, and our memories, render very difficult to accept without pain.

For our generation, which grew up with radio and radio hobbies, the attraction of a radio project is instinctive. But sadly, I cannot see getting a bright pre-teen or teenager, for whom the Internet has already opened the gates of the universe, interested in exploring the shortwave bands - especially with a poorly-performing regenerative receiver. That kid, accustomed to CD-quality audio, will not even tolerate the nasal sound of 6K00A3E AM, with its selective fading etc. Not even the argument of loss of Internet service in times of emergency will wash - tell the kid that, and he may well rise to the challenge by becoming a telecom engineer and devoting his career to hardening the Internet (today's Library of Alexandria). Sadly,

the chances of his acquiring a ham licence in the process will be quite remote.

Cheers for now, 73,  
Adam VA70J/AB40J

-----  
Date: Wed, 28 Jan 2004 12:20:15 -0800  
From: "John Dooley W6ZIP" <portscom@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [166486] Re:Need help with schematic for RS power supply for ham in Iraq-  
Info is found!!!  
Message-ID: <Law9-F9T9dFHiaQLkNi0001d9dc@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Thanks for the timely and wonderful replies. I recieved technical support as well as parts lists, schematics. Dwayne will be pleased.  
72, 73,

John W6ZIP  
Victorville, Ca.

QRP-1 #2402  
ARS #712  
FISTS #9371  
FPQRP #645

-----  
Find high-speed net deals    comparison-shop your local providers here.  
<https://broadband.msn.com>

-----  
Date: Wed, 28 Jan 2004 14:21:07 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <ko4wx@mindspring.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [166487] Re: Front end attenuators  
Message-ID: <01fd01c3e5dc\$644a1b90\$0401a8c0@PS>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mike, that is how the Icom PROs are set up: 6, 12 and 18 dB. Works out very well for me . . .

73, George W5YR  
w5yr@att.net

----- Original Message -----

From: "Mike Boatright" <ko4wx@mindspring.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, January 28, 2004 4:17 PM  
Subject: Re: Front end attenuators

> I would tend to agree with Dan. However, if I only could have one, I  
might  
> consider 12dB. The difference between 100W and 5W is 13dB. 12dB is  
pretty  
> close and also represents a 2 "S-unit" drop. If you can hear him with the  
> ATT on, he can hear you. If I had 2, maybe I'd choose 12dB and 18dB. If  
I  
> was really clever, I might have a 6dB switchable attenuator followed by a  
> 12dB one. Gives me one S-unit (roughly the difference between a 5W and a  
1W  
> signal), two S-units (100W to 5W) and three S-units (400W to 5W, roughly).  
>  
> 72 de Mike, K04WX  
>

-----  
Date: Wed, 28 Jan 2004 12:28:27 -0800 (PST)  
From: Bob KB2FEL <kb2fel@yahoo.com>  
To: Low Power Amateur Radio <qrp-1@lehigh.edu>  
Subject: [166488] Need Data on MV3140  
Message-ID: <20040128202827.13408.qmail@web60510.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi All,

Does anyone have the specs on a MV3140 varactor?

72  
Bob  
KB2FEL

-----  
Do you Yahoo!?  
Yahoo! SiteBuilder - Free web site building tool. Try it!  
<http://webhosting.yahoo.com/ps/sb/>  
-----

Date: Wed, 28 Jan 2004 15:19:54 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166489] OT: Incompetance, well, actually humor  
Message-ID: <00c401c3e5dc\$266317a0\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

With all the SPAM everyone is getting, there are still those that get a message and they believe it. In fact, one of the new tricks is to claim you have a package being shipped.

Well, if anyone has ANY doubt that the emails are fake, or has any doubt of the total lack of intelligence of the idiots who send them out, here's how the latest one arrived in my mailbox.

This is UNEDITED. I just did a cut and paste to put it here!

-----  
order confirmation. your order should be shipped by January, via fedex.  
your federal express tracking number is %RANDOM\_WORD.  
thank you for registering. your userid is: %RANDOM\_WORD  
-----

Date: Wed, 28 Jan 2004 15:49:10 -0500  
From: "George Heron N2APB" <n2apb@clearviewcatv.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166490] re: Howard Weinstein, K3HW  
Message-ID: <200401281549.AA2037776692@clearviewcatv.net>  
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Last I heard (about 2 years ago), Howard packed up and moved south to be closer to his daughter.

He's a good guy - we miss him in the NJQRP.

~George N2APB

-----  
Date: Wed, 28 Jan 2004 15:47:33 -0500  
From: "Noyce, Bill" <william.noyce@hp.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [166491] Re: Front end attenuators - use your tuner  
Message-ID:  
<6D6463F31027B14FB3B1FB094F2C7447047DA050@tayexc17.americas.cpqcorp.net>  
Content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

Somewhere in the 10-20dB range sounds right to me, and I intend to add that to the next HB rig I build. But I'd like to point out a front-end attenuator you may already have. If you use a tuner such as the NJQRP Rainbow, or the NorCal BLT, that contains a resistive SWR bridge, it attenuates incoming (and outgoing) signals by 6 dB. It's a little help when signals are too strong (but not enough, which is why I'll be trying something in the 10/12/18/20 dB range built in to the receiver). Just remember to switch the bridge back out when sending, unless you intend to try QRPP!

-- Bill, AB1AV

-----  
Date: Wed, 28 Jan 2004 15:50:44 -0500  
From: Pete Meier <pmeier@mac.com>  
To: qrp-1@Lehigh.EDU  
Subject: [166492] Re: Help w/Norcal Nor'Easter- got it, thanks w/comment!  
Message-ID: <A44951D4-51D3-11D8-9D0D-000A95799708@mac.com>  
Mime-Version: 1.0 (Apple Message framework v612)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

Folks,

Thanks to the many who replied so rapidly. I now have all the info I need to get started.

I must comment on the generosity and number of responses I got within hours of my request.

It's almost overwhelming the willingness of this group to respond freely with help and advice

when someone asks. I say "almost" only because I see often on here and a few other ham radio reflectors.

It's a wonderful reminder of one of the reasons I enjoy this hobby and "want" to be a part of it.

Thanks again,

Pete WK8S

-----  
Date: Wed, 28 Jan 2004 16:11:47 -0500 (EST)  
From: <n2go@arrl.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [166493] DC vs Superhet for beginner Summary  
Message-ID: <Pine.LNX.4.33.0401281552210.23079-100000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

- Superhets for the most part offer superior performance.
- It is likely to be more useful during crowded or noisy band conditions.
- crystal filtering and mixing is very reasonable costwise due to availability of microprocessor crystals.
- If you can solder some parts, you can probably solder the parts needed to build a superhet. Soldering is the real issue not the number of parts.
- most will not experiment with DC then add parts to a radio to turn it into a superhet.(?)
- As one suggested, focusing on "low power can do this" as opposed to "look at how few parts this marginal radio has".  
Kids aren't impressed with "pong" and won't play with it long.
- People that want to see some of the potential of qrp can experience some of the excitement by turning down the power on a "big" or qro radio.

If they enjoy that, then they can follow with a good qrp rig and catch some of the excitement that comes with making contacts on a radio that you built yourself.

-Elmering into this aspect of the hobby- the consensus is that it is a good thing. How you do it is of less significance. Kids don't learn by a one size fits all methodology. The professional educators can explain this further. Often it is the person and their own effectiveness as a communicator that determines the success or failure.

As far as all time favorite radios....The SW and DSW radios seem to offer the most bang for the buck and the most enjoyment to their users. (according to the feedback)

Other points of view were similar to the code vs no code, and dumbing down the hobby discussions. And I guess that summarizes those :)

Interesting comments all.

73,

Jim n2go

-----  
Date: Wed, 28 Jan 2004 14:39:15 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [166494] DC vs. Superhet for beginners?  
Message-ID: <Pine.LNX.4.44.0401281429590.4701-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think just about everyone is forgetting that the new radio kit has a VFO. My experience and yours is with previous kits that had a crystal oscillator on 7.040 and something to rub the crystal a few Hz.

This kit radio will be a direct conversion receiver with a frequency tuning knob, just like a Superhet. It will tune from below 7.000 to over 7.400 MHz as I understand it.

There is nothing wrong with a direct conversion receiver provided it's well designed. My fear is that this radio not having any integrated circuits is missing some great capability that comes cheap in a chip.

And I have already made a single chip audio amp that drives a small speaker with less than 5% distortion. This will be nice for kids who want drive their family nuts with load CW.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Wed, 28 Jan 2004 15:28:28 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [166495] Spinner Knob  
Message-ID: <001301c3e5e5\$ac2e68e0\$7238d90c@mchsi.com>

Hey folks:

Can somebody tell me where I can find one of the finger cups for the K2 knob that turns it into a spinner knob??????

I sent this the Elecraft reflector but my posts are bouncing back to me. So, I figured I would ask over here since a bunch of you are K2 owners.

Thanks for the help:

73            Jerry            N0JRN  
FP # 546, 4SQRP,    ARS # 923,    ARCI # 11049,    ARRL,  
Springfield, Mo. MP + #8  
<http://home.mchsi.com/~n0jrn>

-----  
Date: Wed, 28 Jan 2004 16:40:46 -0500 (EST)  
From: <ah7i@atl.org>  
To: "George, W5YR" <w5yr@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [166496] Re: Beginners receiver  
Message-ID: <Pine.LNX.4.33.0401281632380.16989-1000000@localhost.localdomain>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII



Have them build a 2 tube 40meter regenerative receiver.  
Or a two FET if you want.

Make it cover about 6-9Mc  
Then they can hear AM, SSB, CW, Spanish, Cantonese, Mandarin, "thumpin  
bibles and godless cubans"\*

\*Arvin Morris

Have them wind the coil on a toilet paper tube or pill bottle, or  
form made with chopsticks. Let them make the caps with some tinsnips  
a soldering iron, some copper pipe, and some more chopsticks.

or they could use fixed caps and tune with telescoping coils.

They should use kiln dried pine so they don't gt pitch all over  
mommas carpet when they drag it home.

Let them tear apart old computer monitors for the wire and transistors if  
you use transistors.

SHow 'em all it takes is a bit of research and some imagination to turn  
some roadside crap into a radio. They'll thank you for it later in life.

-Bob

On Tue, 27 Jan 2004, George, W5YR wrote:

> Maybe I have missed a point, but continuing Ed's thoughts about kid's and  
> even older newcomers, it seems to me that the receiver must be capable of  
> receiving SSB and AM in addition to CW. A youngster may be initially  
> fascinated by the sound of CW but lack the will and whatever to actually  
> stay with it long enough to decipher those funny sounds. AM is a must for  
> any SWL activity and SSB to listen to 99% of the amateur phone stations.  
>  
> I don't know, but it sounds like quite a package to do all that, be  
> buildable by a youngster with some adult coaching, independently operable by  
> a youngster with a minimum of instruction, and cost \$25 for the kit!  
>  
> But I think that the guys making this happen know all that, and if anyone  
> can do it, they can!  
>  
> As a good friend used to say, "my 0.02 worth . . ."  
>  
> 73, George W5YR  
> w5yr@att.net  
>

>  
> ----- Original Message -----  
> From: <kwike@gdls.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Tuesday, January 27, 2004 7:35 AM  
> Subject: Beginners receiver  
>  
>  
> > I am confused.  
> >  
> > Are we talking about a receiver that kids (eight to ten years old) build  
> > to  
> > have fun, get some idea what shortwave radio is all about, and maybe play  
> > with enough to want to learn more?  
> >  
> > Or are we talking about another project for us old farts to build, listen  
> > to for five minutes, and put on our shelf with the rest of our cute little  
> > radios?  
> >  
> > If it is the former and not the later then the focus needs to be on what  
> > is  
> > going to work best for the eight year old. It must be fun to build. It  
> > must be safe to build. The building needs to address the limited  
> > attention  
> > span that they can have. After it is finished It needs to be easy to play  
> > with. It should well enough were they will want to listen to all the  
> > shortwave signals out there. The ultimate test would be for the eight  
> > year  
> > old to say to one of their friends 'hey look what I did and you can listen  
> > to lots of stuff with it. Wanna see?'.  
> >  
> > Ed AB8DF  
> >  
>

-----  
Date: Wed, 28 Jan 2004 16:28:56 -0600  
From: "Sam Binkley" <sbinkley1@cox.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [166497] Re: Spinner Knob  
Message-ID: <01ae01c3e5ee\$1ee77bd0\$a67fe344@DHT81T11>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy Jerry,

Here's one, and I think there are others as well.  
<http://www.fingerdimple.com/>

72/00,  
Sam, KL7V/5

Subject: Spinner Knob

> Hey folks:  
>  
> Can somebody tell me where I can find one of the finger cups for the  
> K2 knob that turns it into a spinner knob??????  
>  
> I sent this the Elecraft reflector but my posts are bouncing back to  
> me. So, I figured I would ask over here since a bunch of you are  
> K2 owners.  
>  
> Thanks for the help:  
>  
> 73 Jerry N0JRN  
> FP # 546, 4SQR, ARS # 923, ARCI # 11049, ARRL,  
> Springfield, Mo. MP + #8  
> <http://home.mchsi.com/~n0jrn>  
>  
>  
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End of QRP-L Digest 3179

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